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QUARTERLY REPORT #6

FIELD DATA

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IT

I. SUMMARY

I. SUMMARY - SEE QUARTERLY REPORT NO. 5

II. WATER RESOURCES

A. SURFACE HYDROLOGY

1. SURFACE WATER QUALITY DATA

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT   DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	TUR- BID- ITY (JTU) (00070)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	DIS- SOLVED OXYGEN (MG/L) (00300)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
AUG., 1974												
28...	0900	--	750592	18.0	--	4.1	290	--	3	900	8.0	8
SEP.												
17...	1530	--	--	18.0	--	4.1	--	--	7	890	--	13
OCT.												
09...	1300	--	751157	12.5	--	4.1	466	--	5	725	8.7	0
22...	1325	--	--	11.0	--	4.1	434	--	--	779	--	8
NOV.												
13...	1200	--	751759	3.5	--	4.1	409	--	5	770	--	10
21...	1030	--	--	1.9	--	4.1	439	20	--	794	--	0
DEC.												
05...	1100	--	751842	.0	--	4.1	349	20	8	875	--	8
17...	1530	--	--	3.4	--	4.1	384	10	--	846	--	6
JAN., 1975												
07...	1415	--	--	.0	1.0	4.1	313	6	8	825	11.1	7
21...	1240	--	--	.4	--	4.1	E320	20	--	800	--	4
FEB.												
04...	1145	--	752441	.0	--	4.1	E380	20	5	790	10.4	8
18...	1000	--	--	.2	--	4.1	400	20	--	780	--	4
MAR.												
04...	1130	--	752676	.0	-1.0	4.1	E580	100	20	850	9.8	26
17...	1020	--	--	.1	--	4.1	543	400	--	927	--	32
APR.												
04...	1050	--	--	5.0	5.0	4.1	415	68	15	890	9.0	12
22...	1350	--	--	12.9	--	4.1	400	38	--	860	6.2	13
MAY												
06...	1200	--	753382	8.5	8.0	4.1	629	170	10	800	9.7	15
20...	1045	--	--	11.0	--	4.1	1850	1200	--	480	6.0	140
JUNE												
05...	1500	--	753715	16.5	27.0	4.1	2347	540	25	365	8.7	61
23...	0915	--	--	12.9	--	4.1	2400	150	--	398	6.0	29
JULY												
10...	1500	--	--	20.0	--	4.1	2160	840	25	390	--	110
14...	0730	.5	--	19.4	--	4.1	1620	96	--	431	--	24
AUG.												
05...	1300	--	760245	21.0	26.0	4.1	545	46	10	675	8.0	13
19...	--	--	--	19.5	--	4.1	440	54	--	762	--	14
SEP.												
09...	1335	--	--	19.8	28.0	4.1	396	1	4	750	7.8	9
OCT.												
07...	1200	--	--	12.0	23.5	4.1	414	2	6	710	8.1	17

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
AUG., 1974												
28...	7.9	5.0	204	249	0	--	--	.10	.00	.00	.46	.00
SEP.												
17...	7.8	6.7	217	264	0	--	0	.01	.00	.00	.75	.00
OCT.												
09...	8.2	2.3	185	226	0	520	0	.03	.01	--	.42	.01
22...	--	--	185	225	0	--	0	.02	.00	.00	.24	.00
NOV.												
13...	8.3	1.9	192	234	0	520	0	.05	.00	.02	.03	.02
21...	--	--	200	244	0	--	1	.01	.00	.01	.29	.01
DEC.												
05...	8.4	1.8	228	266	6	630	1	.00	.00	.08	.11	.08
17...	--	--	209	255	0	--	--	.08	.00	.22	.22	.22
JAN., 1975												
07...	8.1	3.4	218	266	0	600	11	.07	.01	.50	.35	.51
21...	--	--	197	240	0	--	4	.03	.00	.27	.31	.27
FEB.												
04...	8.4	1.6	203	248	0	540	3	.10	.01	.27	.48	.28
18...	--	--	199	243	0	--	6	.08	.00	.19	.31	.19
MAR.												
04...	7.9	4.6	189	230	0	520	5	.29	.01	.29	1.0	.30
17...	--	--	195	238	0	--	9	.04	.01	.12	1.2	.13
APR.												
04...	8.5	1.2	195	193	22	600	2	.02	.00	.04	.39	.04
22...	--	--	206	251	0	--	1	.02	.00	.02	.26	.02
MAY												
06...	8.5	1.1	177	214	1	510	2	.02	.00	.04	.57	.04
20...	8.3	1.2	127	155	0	--	1	.01	.00	.36	4.9	.36
JUNE												
05...	8.0	2.3	119	145	0	220	0	.01	.00	.19	3.5	.19
23...	8.6	.6	126	154	0	--	1	.04	.01	.07	.75	.08
JULY												
10...	--	--	129	157	--	310	9	.00	.01	.11	3.7	.12
14...	8.1	2.1	134	163	0	--	1	.04	.01	.04	4.1	.05
AUG.												
05...	8.4	1.5	193	235	0	--	0	.00	.00	.01	.41	.01
19...	8.6	.9	194	222	7	--	0	.00	.00	.11	.38	.11
SEP.												
09...	8.4	1.4	182	222	0	560	0	.00	.01	.65	.67	.66
OCT.												
07...	8.5	.9	147	175	2	--	0	.00	.00	.06	.48	.06

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED ORTHO PHOS- PHATE (PO4) (MG/L) (00660)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	DIS- SOLVED ORTHO. PHOS- PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN- ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS- SOL- VED SUL- FIDE (S) (MG/L) (00746)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)
AUG., 1974												
28...	.00	.03	.00	--	--	--	.0	280	76	61	31	110
SEP.												
17...	.00	.13	.00	5.5	38	.00	.2	320	100	77	31	85
OCT.												
09...	.00	.05	.00	--	--	.00	.1	270	85	67	25	57
22...	.00	.09	.00	--	--	--	.1	260	77	65	24	62
NOV.												
13...	.09	.02	.03	--	--	.00	.0	270	73	65	25	65
21...	.03	.07	.01	--	--	--	.0	270	71	69	24	77
DEC.												
05...	.00	.04	.00	--	--	.00	.0	320	90	78	30	78
17...	.06	.05	.02	--	--	--	.1	290	80	73	26	68
JAN., 1975												
07...	.12	.01	.04	2.1	--	.00	2.5	320	110	83	28	71
21...	.09	.06	.03	--	--	--	.1	270	70	69	23	63
FEB.												
04...	.09	.08	.03	--	--	.00	.2	280	74	73	23	67
18...	.09	.04	.03	--	--	--	.0	270	71	67	25	69
MAR.												
04...	.06	.12	.02	--	--	.01	.2	270	80	63	27	84
17...	.09	.47	.03	--	--	--	.2	320	120	74	32	78
APR.												
04...	.00	.03	.00	3.7	--	.00	.2	310	110	73	30	76
22...	.12	.17	.04	--	--	--	.3	310	110	72	32	83
MAY												
06...	.06	.16	.02	--	--	.00	.1	270	91	63	27	66
20...	.03	.46	.01	--	--	--	.0	170	45	41	17	30
JUNE												
05...	.09	.01	.03	--	--	.00	.1	150	29	38	13	21
23...	.03	.22	.01	--	--	--	.0	170	48	45	15	21
JULY												
10...	.06	.42	.02	39	--	.00	.0	160	30	42	13	23
14...	.03	.28	.01	--	--	--	.1	170	39	46	14	28
AUG.												
05...	.09	.22	.03	--	--	.00	.1	270	80	66	26	53
19...	.03	.03	.01	--	--	--	.2	490	290	91	63	230
SEP.												
09...	.00	.03	.00	--	--	.00	.0	260	82	61	27	72
OCT.												
07...	.00	.05	.00	3.6	--	.00	.5	240	97	61	22	56

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	DIS- SOLVED BARIUM (BA) (UG/L) (01005)	DIS- SOLVED BERYL- LIUM (BE) (UG/L) (01010)	DIS- SOLVED BISMUTH (BI) (UG/L) (01015)	DIS- SOLVED BORON (B) (UG/L) (01020)
AUG., 1974												
28...	2.9	46	3.8	68	210	.4	11	1	0	--	--	120
SEP.												
17...	2.1	36	3.2	59	190	.3	14	2	0	0	--	100
OCT.												
09...	1.5	31	1.9	32	160	.2	14	3	0	--	--	50
22...	1.7	34	2.3	34	170	.3	12	--	--	--	--	--
NOV.												
13...	1.7	35	.9	33	160	.3	13	2	0	--	--	70
21...	2.0	38	1.9	35	160	.2	12	--	--	--	--	--
DEC.												
05...	1.9	35	2.0	45	190	.3	14	1	<100	--	--	70
17...	1.7	34	1.4	41	160	.3	14	--	--	--	--	--
JAN., 1975												
07...	1.7	32	2.4	45	180	.3	17	1	59	<10	<10	60
21...	1.7	34	2.0	37	160	.2	15	--	--	--	--	--
FEB.												
04...	1.8	34	1.9	38	170	.2	16	4	<100	--	--	40
18...	1.8	36	1.9	38	160	.3	15	--	--	--	--	--
MAR.												
04...	2.2	40	3.3	41	180	.3	12	0	100	--	--	70
17...	1.9	35	4.0	45	210	.3	12	--	--	--	--	--
APR.												
04...	1.9	35	3.8	44	190	.2	13	1	50	<1	<4	70
22...	2.0	37	2.1	42	210	.3	12	--	--	--	--	--
MAY												
06...	1.8	35	2.0	37	170	.2	12	1	0	--	--	40
20...	1.0	27	2.0	12	84	.2	11	--	--	--	--	--
JUNE												
05...	.8	23	1.4	8.3	59	.2	12	0	0	--	--	40
23...	.7	21	1.3	9.2	81	.2	13	--	--	--	--	--
JULY												
10...	.8	24	1.7	12	73	.2	13	1	100	0	<2	60
14...	.9	26	1.6	13	69	.2	14	--	--	--	--	--
AUG.												
05...	1.4	30	2.0	25	150	.3	15	2	140	<1	<6	45
19...	4.5	50	4.1	29	170	.4	12	--	--	--	--	--
SEP.												
09...	1.9	37	2.5	37	190	.3	8.8	1	<200	--	--	80
OCT.												
07...	1.6	33	1.8	32	150	.3	11	1	<100	0	<3	60

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
AUG., 1974												
28...	0	0	0	1	20	1	0	5	<1	--	--	.8
SEP.												
17...	0	0	0	2	20	2	0	4	1	0	1100	.4
OCT.												
09...	<1	0	0	0	20	3	0	3	4	--	--	1.3
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	0	0	0	1	40	0	0	2	16	--	--	.0
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	0	<10	1	1	10	1	0	0	11	--	--	3.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	0	0	0	12	10	3	10	1	8	0	1000	5.1
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	0	20	0	1	10	1	20	2	0	--	--	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	2	0	0	20	40	2	20	3	3	--	--	2.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	0	0	0	4	10	0	0	2	2	0	970	.8
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	0	0	0	2	30	0	0	3	0	--	--	1.8
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	0	0	0	2	60	0	0	2	1	--	--	.8
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
10...	0	0	1	2	50	1	10	1	5	0	410	1.2
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
05...	0	8	<2	5	--	4	--	6	12	0	680	10
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	0	0	0	3	0	0	0	2	1	--	--	1.5
OCT.												
07...	0	10	0	1	0	0	10	3	3	0	820	2.1

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WATER QUALITY DATA

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
AUG., 1974												
28...	0	--	10	--	--	25	--	--	--	--	--	--
SEP.												
17...	20	--	10	--	--	25	1	--	--	--	4.3	5.7
OCT.												
09...	30	--	0	--	--	0	1	--	--	4.6	1.0	.6
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	180	--	20	--	--	0	1	--	--	2.5	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	<10	--	0	--	--	<10	2	--	--	3.5	.8	.7
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	10	<10	0	<5	<10	10	2	<8	<18	5.6	1.5	3.2
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	20	--	0	--	--	10	1	--	--	2.8	1.9	2.7
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	20	--	10	--	--	30	1	--	--	5.6	4.4	5.3
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	6	<4	20	<2	<5	30	2	<4	<7	3.5	1.6	1.4
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	8	--	<10	--	--	20	2	--	--	4.0	3.1	2.1
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	0	--	30	--	--	0	1	--	--	3.4	13	2.3
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
10...	10	<2	20	0	<2	0	1	7	<3	6.9	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
05...	30	<6	--	<2	<4	20	1	--	--	--	.9	1.3
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	0	--	40	--	--	10	1	--	--	4.2	1.4	1.5
OCT.												
07...	10	<4	10	<2	<6	10	0	<2	<5	--	1.5	.8

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)
AUG., 1974												
28...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
SEP.												
17...	1	.0	--	--	--	--	--	--	--	--	--	--
OCT.												
09...	1	--	--	--	--	--	--	--	--	--	--	--
22...	1	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	0	--	--	--	--	--	--	--	--	--	--	--
21...	0	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	1	--	--	--	--	--	--	--	--	--	--	--
17...	3	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	0	--	--	--	--	--	--	--	--	--	--	--
21...	2	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	10	--	--	--	--	--	--	--	--	--	--	--
18...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	5	--	--	--	--	--	--	--	--	--	--	--
17...	5	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	4	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
22...	5	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	4	--	--	--	--	--	--	--	--	--	--	--
20...	4	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	4	--	--	--	--	--	--	--	--	--	--	--
23...	4	--	--	--	--	--	--	--	--	--	--	--
JULY												
10...	9	--	--	--	--	--	--	--	--	--	--	--
14...	4	--	--	--	--	--	--	--	--	--	--	--
AUG.												
05...	2	--	--	--	--	--	--	--	--	--	--	--
19...	5	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	1	--	--	--	--	--	--	--	--	--	--	--
OCT.												
07...	1	.0	--	--	--	--	--	--	--	--	--	--

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
AUG., 1974									
28...	.00	.0	.00	.00	.00	626	618	490	.85
SEP.									
17...	--	--	--	--	--	609	591	--	.83
OCT.									
09...	--	--	--	--	--	489	469	615	.67
22...	--	--	--	--	--	498	481	584	.68
NOV.									
13...	--	--	--	--	--	498	478	550	.68
21...	--	--	--	--	--	509	500	603	.69
DEC.									
05...	--	--	--	--	--	569	575	536	.77
17...	--	--	--	--	--	529	511	548	.72
JAN., 1975									
07...	--	--	--	--	--	573	564	484	.78
21...	--	--	--	--	--	498	489	--	.68
FEB.									
04...	--	--	--	--	--	534	513	--	.73
18...	--	--	--	--	--	514	497	555	.70
MAR.									
04...	--	--	--	--	--	546	526	--	.74
17...	--	--	--	--	--	575	574	843	.78
APR.									
04...	.00	.0	.00	.00	.00	570	549	639	.78
22...	--	--	--	--	--	592	578	639	.81
MAY									
06...	--	--	--	--	--	499	484	847	.68
20...	--	--	--	--	--	310	275	1550	.42
JUNE									
05...	--	--	--	--	--	228	226	1440	.31
23...	--	--	--	--	--	255	262	1650	.35
JULY									
10...	--	--	--	--	--	250	256	1460	.34
14...	--	--	--	--	--	279	267	1220	.38
AUG.									
05...	--	--	--	--	--	452	464	665	.61
19...	--	--	--	--	--	1320	717	1570	1.80
SEP.									
09...	--	--	--	--	--	517	511	553	.70
OCT.									
07...	--	--	--	--	--	449	424	502	.61

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
AUG., 1974							
28...	.13	.00	.00	.2	.0	--	--
SEP.							
17...	.01	.00	.00	.2	.0	--	--
OCT.							
09...	.04	--	.03	.1	.0	<7.1	3.7
22...	.03	.00	.00	.5	--	--	--
NOV.							
13...	.06	.09	.00	.1	.3	<4.1	2.0
21...	.01	.04	.00	.2	--	--	--
DEC.							
05...	.00	.35	.00	.1	<.1	6.8	2.8
17...	.10	.97	.00	.1	--	--	--
JAN., 1975							
07...	.09	2.2	.03	.1	.2	13	4.7
21...	.04	1.2	.00	.0	--	--	--
FEB.							
04...	.13	1.2	.03	.1	.0	<8.0	2.4
18...	.10	.84	.00	.1	--	--	--
MAR.							
04...	.37	1.3	.03	.1	.0	10	4.6
17...	.05	.53	.03	.1	--	--	--
APR.							
04...	.03	.18	.00	.1	.0	12	2.9
22...	.03	.09	.00	.1	--	--	--
MAY							
06...	.03	.18	.00	.1	.1	<8.4	3.2
20...	.01	1.6	.00	.0	--	--	--
JUNE							
05...	.01	.84	.00	.0	.0	3.7	2.7
23...	.05	.31	.03	.0	--	--	--
JULY							
10...	.00	.49	.03	.0	.0	8.5	5.6
14...	.05	.18	.03	.0	--	--	--
AUG.							
05...	.00	.04	.00	.1	.0	--	--
19...	.00	.49	.00	.1	--	--	--
SEP.							
09...	.00	2.9	.03	.1	.2	14	3.5
OCT.							
07...	.00	.27	.00	.1	.0	--	--

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	TEMPERATURE (DEG C) (00010)	SURFACE AREA (SQUARE MILES) (00049)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	OIL AND GREASE (MG/L) (00550)
OCT., 1975											
21...	0845	6.5	4.1	430	20	700	5	176	214	0	0

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)
OCT., 1975										
21...	.00	.00	.00	.21	.00	.00	.04	.00	.3	260

PROCESS DATE 02/02/76

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	NON-CARBONATE HARDNESS (MG/L) (00902)	DIS-SOLVED CALCIUM (CA) (MG/L) (00915)	DIS-SOLVED MAGNESIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED POTASSIUM (K) (MG/L) (00935)	DIS-SOLVED CHLORIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUORIDE (F) (MG/L) (00950)
OCT.. 1975										
21...	80	66	22	50	1.4	30	1.6	31	140	.2

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	PHENOLS (UG/L) (32730)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)
OCT., 1975										
21...	11	5	454	428	527	.62	.00	.00	.00	.0

09306405 - HELL'S HOLE CAN AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	TIME	TEMPER-ATURE (DEG C) (00010)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	TUR-BID-ITY (JTU) (00070)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
JULY, 1975												
16...	1515	--	16	--	2020	189	231	--	--	--	--	.04
AUG.												
18...	1800	--	--	190	718	93	113	.00	.12	.77	1.5	.89
SEP.												
10...	--	20.0	39	1	2670	93	113	.00	.21	1.3	1.2	1.5

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306405 - HELL'S HOLE CAN AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	DIS- SOLVED ORTHO PHOS- PHATE (P04) (MG/L) (00660)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	DIS- SOLVED ORTHO. PHOS- PHORUS (P) (MG/L) (00671)	DIS- SOL- VED SUL- FIDE (S) (MG/L) (00746)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)
JULY, 1975												
16...	.00	--	.00	--	810	620	260	38	160	2.5	30	11
AUG.												
18...	.00	.07	.00	.2	290	200	84	19	39	1.0	22	7.0
SEP.												
10...	.00	.03	.00	.2	1400	1300	470	57	170	2.0	21	18

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DISTRICT CODE 49

09306405 - HELL'S HOLE CAN AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
JULY, 1975											
16...	9.0	950	.4	15	--	210	--	420	520	--	--
AUG.											
18...	4.1	260	.4	7.5	1	90	17	70	--	890	130
SEP.											
10...	12	1600	.4	14	2	330	27	30	--	3500	110

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306405 - HELL'S HOLE CAN AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
JULY, 1975											
16...	--	--	--	--	1560	69.1	2.12	--	--	--	--
AUG.											
18...	0	10	2	500	482	--	.68	.00	3.4	.39	.0
SEP.											
10...	40	60	0	2520	2410	265	3.43	.00	5.7	.69	.0

PROCESS DATE 02/02/76

09306415 - EVACUATION CR BLW PARK CAN NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
NOV., 1974												
14...	1600	--	751756	8.0	--	.14	--	--	10	4400	--	21
21...	1230	--	--	6.2	--	.24	--	2	--	3990	--	21
DEC.												
04...	1545	--	751843	--	--	.17	--	3	5	3400	--	20
17...	1430	--	--	.6	--	.44	--	1	--	4170	--	27
JAN., 1975												
08...	1130	--	--	.0	1.0	--	--	2	5	4110	11.0	33
MAR.												
05...	1222	--	752680	.0	13.0	3.4	--	600	20	3800	10.0	35
17...	--	--	--	2.1	--	.40	--	30	--	4540	--	13
APR.												
08...	1200	--	752960	7.5	3.0	2.7	--	1400	2	4000	8.3	49
22...	1150	--	--	16.2	--	2.0	2.13	3500	--	2900	8.0	270
MAY												
07...	1440	--	753383	11.5	--	2.9	--	3600	6	3400	8.6	99
20...	1200	--	--	17.7	--	3.3	--	760	--	4000	5.0	36
JUNE												
04...	1045	--	753716	18.5	17.0	1.7	--	580	4	3700	8.1	27
23...	1100	--	--	21.0	--	1.0	--	570	--	3430	3.8	31
JULY												
11...	1530	--	--	31.4	--	.30	--	180	15	4500	6.2	20
23...	0900	.2	--	--	--	.92	--	39000	--	2250	--	3200
AUG.												
06...	1330	--	760440	25.0	31.0	.08	--	12	7	4500	8.9	25
19...	--	--	--	21.2	--	.06	--	2	--	4490	--	23
SEP.												
11...	1700	--	--	22.3	17.5	.91	--	7500	60	2310	7.2	390
OCT.												
05...	1330	--	--	16.0	16.5	.20	--	1	7	4000	8.8	12
08...	1500	--	--	18.0	--	.03	--	4	6	5600	8.1	28
DEC.												
03...	1530	--	--	.0	--	.08	--	2	5	4400	10.1	19

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09306415 - EVACUATION CR BLW PARK CAN NR WATSON UT

DISTRICT CODE 49

WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
NOV., 1974												
14...	8.1	5.9	384	468	0	3900	0	.08	.03	6.5	.59	6.5
21...	--	--	360	439	0	--	0	.02	.02	.01	.67	.03
DEC.												
04...	8.3	4.0	404	493	0	3800	0	.03	.03	8.8	.71	8.8
17...	--	--	416	507	0	--	1	.11	.01	8.0	.70	8.0
JAN., 1975												
08...	8.2	5.8	469	572	0	3600	11	.05	.04	4.8	1.3	4.8
MAR.												
05...	8.1	5.9	378	461	0	3400	5	.03	.01	2.1	1.6	2.1
17...	--	--	390	475	0	--	3	.01	.01	5.0	.47	5.0
APR.												
08...	8.3	3.7	383	467	0	3400	1	.03	.03	.94	2.3	.97
22...	--	--	347	423	0	--	1	.02	.01	.79	25	.80
MAY												
07...	8.5	2.4	388	473	0	3000	E2	.02	.01	.81	5.7	.82
20...	8.1	6.0	386	470	0	--	1	.01	.00	.70	1.9	.70
JUNE												
04...	8.3	3.7	382	466	0	3100	2	.02	.01	1.2	1.4	1.2
23...	8.7	1.5	376	459	0	--	1	.04	.01	.19	1.3	.20
JULY												
11...	8.2	4.6	371	452	0	4800	3	.00	.02	2.3	.67	2.3
23...	6.2	3.0	243	296	0	--	--	.03	.02	1.1	.81	1.1
AUG.												
06...	8.3	3.4	346	422	0	5600	0	.03	.03	4.8	.81	4.8
19...	9.2	.5	381	464	0	--	1	.00	.03	5.6	.72	5.6
SEP.												
11...	8.4	1.6	230	281	0	1800	E14	.00	.01	4.0	17	4.0
OCT.												
05...	7.7	15	382	466	0	3500	0	.04	.01	3.3	.76	3.3
08...	8.5	2.5	399	487	0	--	1	.00	.04	5.0	1.2	5.0
DEC.												
03...	7.6	21	425	518	0	--	0	.00	.02	7.7	1.4	7.7

09306415 - EVACUATION CR BLW PARK CAN NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
NOV., 1974												
14...	.09	.01	.03	--	.00	.0	1100	670	160	160	700	9.4
21...	.03	.16	.01	--	--	.0	980	620	160	140	590	8.2
DEC.												
04...	.03	.01	.01	--	.00	.0	1100	720	170	170	650	8.4
17...	.03	.01	.01	--	--	.2	1100	710	170	170	660	8.6
JAN., 1975												
08...	.09	.01	.03	15	.00	2.3	1300	820	200	190	640	7.8
MAR.												
05...	.03	.55	.01	--	.00	.0	990	610	150	150	640	8.8
17...	.06	.03	.02	--	--	.1	1100	750	160	180	660	8.5
APR.												
08...	.00	.84	.00	2.6	.00	.0	970	590	140	150	640	9.0
22...	.12	4.8	.04	--	--	.1	730	380	110	110	490	7.9
MAY												
07...	.06	.98	.02	--	.01	.1	900	510	130	140	650	9.4
20...	.06	.67	.02	--	--	.0	960	570	120	160	640	9.0
JUNE												
04...	.06	.00	.02	--	.00	.2	900	520	130	140	690	10
23...	.00	.53	.00	--	--	.0	880	500	120	140	610	9.0
JULY												
11...	.06	.07	.02	6.9	.00	.0	1100	730	160	170	770	10
23...	.00	.02	.00	--	--	.1	760	520	190	69	290	4.6
AUG.												
06...	.06	.03	.02	--	.00	.0	1100	730	150	170	790	10
19...	.00	.04	.00	--	--	1.9	1100	670	140	170	730	9.8
SEP.												
11...	.00	3.0	.00	--	.00	.0	590	360	130	64	320	5.7
OCT.												
05...	.03	.00	.01	--	.00	.0	1100	700	170	160	710	9.4
08...	.00	.00	.00	31	.01	.5	1300	880	180	200	760	9.3
DEC.												
03...	.06	.00	.02	--	.00	.0	1100	660	170	160	700	9.3

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WATER QUALITY DATA

DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)
NOV., 1974												
14...	59	1.4	36	2000	1.1	9.4	2	0	--	--	1300	0
21...	57	5.9	35	1800	2.1	27	--	--	--	--	--	--
DEC.												
04...	56	5.4	36	1900	.9	11	2	<100	--	--	1400	0
17...	56	3.8	39	2000	1.0	11	--	--	--	--	--	--
JAN., 1975												
08...	52	5.4	43	2000	1.3	15	1	<100	<10	<60	2400	0
MAR.												
05...	58	5.8	30	1900	.6	9.3	0	400	--	--	510	0
17...	56	6.2	36	2000	.9	10	--	--	--	--	--	--
APR.												
08...	59	8.0	31	1900	.4	9.5	1	60	<5	<15	330	0
22...	59	5.2	23	1400	.5	10	--	--	--	--	--	--
MAY												
07...	61	5.0	28	1800	.6	10	1	0	--	--	280	0
20...	59	5.0	27	1900	.6	11	--	--	--	--	--	--
JUNE												
04...	62	6.9	29	1900	.6	12	1	0	--	--	330	0
23...	60	4.9	27	1700	.7	12	--	--	--	--	--	--
JULY												
11...	60	8.7	38	2300	.8	15	2	130	<5	<20	610	0
23...	45	9.6	16	1200	.6	10	--	--	--	--	--	--
AUG.												
06...	61	8.8	43	2400	.9	13	2	<100	--	--	1100	0
19...	60	7.6	39	2100	1.0	14	--	--	--	--	--	--
SEP.												
11...	54	12	19	1000	.6	8.3	1	200	--	--	80	0
OCT.												
05...	59	6.3	38	2200	.8	10	1	0	--	--	860	0
08...	56	6.9	41	2400	.9	12	2	<100	10	--	1200	0
DEC.												
03...	58	5.5	36	2000	1.1	13	0	0	--	--	1600	0

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WATER QUALITY DATA

DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
NOV., 1974												
14...	0	0	2	20	0	40	38	16	--	--	2.5	20
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	<10	1	2	10	3	42	39	6	--	--	.3	10
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	0	0	4	20	0	30	67	10	0	4100	.0	10
MAR.												
05...	0	0	9	40	1	60	21	0	--	--	.0	20
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	<15	0	5	20	0	30	15	3	0	3300	.0	20
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	0	0	3	40	0	20	13	1	--	--	1.1	2
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	0	4	120	0	20	31	2	--	--	.0	0
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
11...	<20	2	4	20	1	40	23	6	0	3700	1.6	20
23...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	0	0	3	10	1	10	42	6	--	--	.8	0
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
11...	10	0	29	50	0	10	9	2	--	--	1.1	0
OCT.												
05...	2	1	3	40	0	20	29	5	--	--	2.0	30
08...	10	1	2	80	0	30	43	3	0	4000	.9	10
DEC.												
03...	<10	1	7	20	1	20	44	3	--	--	1.2	20

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WATER QUALITY DATA

DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
NOV., 1974												
14...	--	0	--	--	90	6	--	--	16	--	--	1
21...	--	--	--	--	--	--	--	--	--	--	--	0
DEC.												
04...	--	0	--	--	80	7	--	--	<10	.2	.3	1
17...	--	--	--	--	--	--	--	--	--	--	--	1
JAN., 1975												
08...	<60	0	<30	<60	140	20	<40	<100	17	1.3	1.0	1
MAR.												
05...	--	10	--	--	70	2	--	--	19	2.5	1.8	5
17...	--	--	--	--	--	--	--	--	--	--	--	11
APR.												
08...	<15	50	<7	<20	60	1	<15	<30	17	.9	.0	14
22...	--	--	--	--	--	--	--	--	--	--	--	10
MAY												
07...	--	10	--	--	50	2	--	--	22	--	--	8
20...	--	--	--	--	--	--	--	--	--	--	--	3
JUNE												
04...	--	30	--	--	80	3	--	--	<17	.8	.7	1
23...	--	--	--	--	--	--	--	--	--	--	--	2
JULY												
11...	<30	30	<10	<30	70	4	<10	<40	21	--	--	6
23...	--	--	--	--	--	--	--	--	--	--	--	10
AUG.												
06...	--	20	--	--	90	3	--	--	30	5.2	3.9	10
19...	--	--	--	--	--	--	--	--	--	--	--	4
SEP.												
11...	--	40	--	--	30	1	--	--	29	8.4	13	11
OCT.												
05...	--	10	--	--	80	2	--	--	<11	.8	.9	1
08...	--	20	--	--	130	4	--	--	--	3.6	.2	1
DEC.												
03...	--	20	--	--	100	14	--	--	--	--	--	2

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DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)
NOV., 1974												
14...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
11...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
11...	--	--	--	--	--	--	--	--	--	--	--	--
OCT.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
08...	.0	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)
NOV., 1974									
14...	--	--	--	--	3720	3330	1.49	5.06	.10
21...	--	--	--	--	3360	2980	2.18	4.57	.03
DEC.									
04...	--	--	--	--	3550	3230	1.63	4.83	.04
17...	--	--	--	--	3610	3340	4.29	4.91	.14
JAN., 1975									
08...	--	--	--	--	3790	3410	--	5.15	.06
MAR.									
05...	--	--	--	--	3190	3120	29.5	4.34	.04
17...	--	--	--	--	3520	3310	3.80	4.79	.01
APR.									
08...	.0	.00	.00	.00	3240	3120	24.1	4.41	.04
22...	--	--	--	--	2460	2360	13.3	3.35	.03
MAY									
07...	--	--	--	--	3070	3000	24.0	4.18	.03
20...	--	--	--	--	3100	3100	27.6	4.22	.01
JUNE									
04...	--	--	--	--	3190	3140	15.2	4.34	.03
23...	--	--	--	--	2920	2840	7.88	3.97	.05
JULY									
11...	--	--	--	--	3870	3700	3.13	5.26	.00
23...	--	--	--	--	2020	1940	5.02	2.75	.04
AUG.									
06...	--	--	--	--	4040	3810	.97	5.49	.04
19...	--	--	--	--	3820	3460	.62	5.20	.00
SEP.									
11...	--	--	--	--	1770	1710	4.35	2.41	.00
OCT.									
05...	--	--	--	--	3770	3540	2.04	5.13	.05
08...	--	--	--	--	4220	3870	.42	5.74	.00
DEC.									
03...	--	--	--	--	3630	3380	.80	4.94	.00

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WATER QUALITY DATA

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
14...	29	.10	.2	.0	<50	14
21...	.04	.07	.2	--	--	--
DEC.						
04...	39	.10	.3	.3	<32	<8.4
17...	35	.03	.3	--	--	--
JAN., 1975						
08...	21	.13	.3	.1	46	14
MAR.						
05...	9.3	.03	.2	.0	<38	17
17...	22	.03	.2	--	--	--
APR.						
08...	4.2	.10	.1	.1	80	13
22...	3.5	.03	.2	--	--	--
MAY						
07...	3.6	.03	.2	.0	100	18
20...	3.1	.00	.5	--	--	--
JUNE						
04...	5.3	.03	.2	.0	<39	<13
23...	.84	.03	.2	--	--	--
JULY						
11...	10	.07	.2	.0	<67	18
23...	4.8	.07	.1	--	--	--
AUG.						
06...	21	.10	.3	.0	<62	25
19...	25	.10	.3	--	--	--
SEP.						
11...	18	.03	.1	.2	46	25
OCT.						
05...	15	.03	.3	.0	<38	<9.1
08...	22	.13	.3	.0	--	--
DEC.						
03...	34	.07	.3	.0	--	--

09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TUR-BID-ITY (JTU) (00070)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
OCT., 1974												
10...	1100	--	--	10.5	--	.00	--	--	20	5000	8.5	34
23...	1210	--	--	3.0	--	.02	--	--	--	5780	--	46
NOV.												
14...	1400	--	751758	10.0	--	.01	--	--	20	5700	--	47
21...	1345	--	--	3.7	--	.01	--	3	--	5750	--	38
DEC.												
05...	1255	--	751716	.8	--	.26	--	30	20	5200	--	47
16...	1600	--	--	2.6	--	.38	--	10	--	6170	--	39
JAN., 1975												
08...	1400	--	--	2.5	1.0	.01	--	3	20	6000	5.3	59
FEB.												
04...	1600	--	752444	2.0	--	.02	--	3	5	5250	7.0	39
18...	1220	--	--	1.0	--	.43	--	20	--	5700	--	49
MAR.												
04...	1600	--	752679	.8	11.0	9.8	--	3500	30	3500	10.3	110
17...	1305	--	--	3.3	--	.64	--	400	--	5140	--	51
APR.												
09...	1230	--	752969	6.0	5.0	2.0	--	600	5	4800	7.6	42
22...	1255	--	--	15.7	--	2.5	1.14	760	--	3900	6.1	43
MAY												
08...	1400	--	753384	10.5	16.6	2.7	--	620	5	5000	7.5	34
20...	1318	--	--	18.1	--	2.7	--	700	--	4400	5.0	47
JUNE												
04...	1400	--	753717	28.2	--	1.6	--	400	8	4150	6.9	32
23...	1230	--	--	26.8	--	1.7	--	520	--	4120	6.8	35
JULY												
15...	1600	--	760242	22.5	--	2.4	--	6800	40	1650	6.7	330
25...	1000	.2	--	15.0	--	.32	--	960	--	454	--	74
AUG.												
04...	1600	--	760244	20.0	35.5	.01	--	26	20	5100	6.4	49
19...	1220	--	--	22.3	--	.01	--	11	--	4740	--	45
SEP.												
10...	1300	--	--	21.0	21.0	8.1	--	13000	65	850	6.3	790
OCT.												
09...	1400	--	--	15.0	--	.01	--	2	10	5600	6.2	56
20...	1220	--	--	5.9	--	.00	--	2	--	5320	--	34
NOV.												
05...	1700	--	--	9.0	6.0	.05	--	--	--	5000	7.3	--
DEC.												
04...	1600	--	--	3.0	--	.08	--	40	60	5200	9.0	39

09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
OCT., 1974												
10...	8.2	5.8	475	579	0	--	0	.10	.01	--	1.0	.00
23...	--	--	442	539	0	--	0	.06	.00	.00	.72	.00
NOV.												
14...	--	--	477	582	0	4900	0	.02	.01	.07	.63	.08
21...	--	--	470	573	0	--	0	.04	.00	.16	.71	.16
DEC.												
05...	7.6	21	434	529	0	4700	0	.06	.03	1.3	.80	1.3
16...	--	--	454	553	0	--	1	.13	.02	1.6	.74	1.6
JAN., 1975												
08...	8.2	6.5	527	642	0	5900	8	.06	.00	.03	.93	.03
FEB.												
04...	7.7	19	485	591	0	4100	3	.03	.01	.01	.78	.02
18...	--	--	482	588	0	--	5	.06	.00	.73	.94	.73
MAR.												
04...	8.1	4.6	297	362	0	2600	7	.04	.02	2.2	1.5	2.2
17...	--	--	364	444	0	--	2	.03	.01	1.4	1.4	1.4
APR.												
09...	8.5	2.5	405	494	0	3800	2	.02	.03	2.0	1.2	2.0
22...	--	--	405	494	0	--	1	.00	.01	1.4	2.3	1.4
MAY												
08...	8.3	3.7	382	466	0	4000	52	.02	.04	1.5	1.2	1.5
20...	8.2	4.6	377	460	0	--	1	.03	.01	1.2	1.8	1.2
JUNE												
04...	8.3	1.7	176	129	42	4200	2	.01	.00	1.2	1.2	1.2
23...	8.8	1.1	349	426	0	--	4	.03	.01	.99	1.2	1.0
JULY												
15...	7.9	3.1	128	156	0	1300	--	.00	.05	.93	7.9	.98
25...	7.4	10	132	161	0	--	0	.00	.01	.04	3.0	.05
AUG.												
04...	7.9	11	459	559	0	--	1	.00	.03	.06	.96	.09
19...	--	--	467	569	0	--	1	.00	.01	.03	.67	.04
SEP.												
10...	8.1	1.9	126	153	0	740	E12	.03	.05	4.9	4.7	4.9
OCT.												
09...	8.0	9.2	470	573	0	--	0	.00	.00	.00	1.0	.00
20...	--	--	386	470	0	--	0	.00	.01	.02	1.0	.03
NOV.												
05...	7.5	--	--	--	--	4100	--	--	--	--	--	--
DEC.												
04...	7.5	28	453	552	0	--	0	.00	.02	.73	1.3	.75

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WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT., 1974												
10...	.03	.01	.01	22	90	.00	.2	1500	990	220	220	1000
23...	.00	.12	.00	--	--	--	.2	1400	950	210	210	980
NOV.												
14...	.09	.01	.03	--	--	.00	.0	1300	770	220	170	1000
21...	.06	.48	.02	--	--	--	.0	1300	820	220	180	960
DEC.												
05...	.03	.03	.01	--	--	.00	.0	1300	860	190	200	880
16...	.03	.03	.01	--	--	--	.3	1300	870	200	200	860
JAN., 1975												
08...	.06	.01	.02	21	--	.00	.0	1600	1100	240	250	1100
FEB.												
04...	.03	.02	.01	--	--	.00	.2	1500	1000	220	230	1000
18...	.03	.04	.01	--	--	--	.1	1400	950	210	220	970
MAR.												
04...	.09	3.3	.03	--	--	.00	.0	840	540	120	130	500
17...	.03	.86	.01	--	--	--	.2	1100	740	160	170	700
APR.												
09...	.00	.33	.00	8.2	--	.00	.1	1100	720	170	170	730
22...	.12	.99	.04	--	--	--	.0	1100	670	150	170	790
MAY												
08...	.06	.24	.02	--	--	.01	.0	1000	650	150	160	720
20...	.09	.66	.03	--	--	--	.0	1100	690	130	180	740
JUNE												
04...	.12	.01	.04	--	--	.01	.1	940	770	130	150	670
23...	.00	.52	.00	--	--	--	.0	1000	650	120	170	700
JULY												
15...	.00	4.7	.00	34	--	.02	.3	340	220	73	39	230
25...	.03	1.2	.01	--	--	--	.1	180	48	49	14	29
AUG.												
04...	.00	.08	.00	--	--	.00	.1	1400	910	200	210	980
19...	.00	.04	.00	--	--	--	.2	1400	960	210	220	980
SEP.												
10...	.00	7.0	.00	--	--	.00	.3	210	84	51	20	120
OCT.												
09...	.03	.00	.01	17	--	.00	.2	1200	750	190	180	980
20...	.00	.02	.00	--	--	--	.1	1300	920	210	190	950
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	.03	.01	.01	--	--	.00	.0	1100	690	160	180	910

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WATER QUALITY DATA

DATE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)
OCT., 1974												
10...	11	60	11	64	3000	.9	9.9	3	0	0	--	2100
23...	11	60	9.2	63	2900	.9	9.6	--	--	--	--	--
NOV.												
14...	12	63	2.2	64	2800	1.1	9.4	3	0	--	--	2700
21...	12	62	10	63	2700	.9	9.8	--	--	--	--	--
DEC.												
05...	11	59	7.4	56	2600	.9	9.0	3	<100	--	--	2300
16...	10	58	5.5	58	2600	1.0	9.2	--	--	--	--	--
JAN., 1975												
08...	12	59	8.8	74	3300	1.0	11	1	<100	<10	<90	310
FEB.												
04...	11	59	9.3	67	3200	.8	10	5	<100	--	--	2400
18...	11	59	7.8	87	2900	1.0	8.8	--	--	--	--	--
MAR.												
04...	7.5	56	6.1	30	1400	.6	6.8	0	<100	--	--	670
17...	9.2	58	7.3	44	2100	.9	7.0	--	--	--	--	--
APR.												
09...	9.5	58	8.8	44	2100	1.0	9.3	1	70	<10	<20	1200
22...	10	61	6.6	39	2200	.8	10	--	--	--	--	--
MAY												
08...	9.7	60	6.8	39	2200	.8	15	2	0	--	--	1100
20...	9.9	60	6.2	36	2100	.8	11	--	--	--	--	--
JUNE												
04...	9.5	61	5.4	39	2100	.8	12	2	0	--	--	500
23...	9.6	60	6.5	35	2100	.8	17	--	--	--	--	--
JULY												
15...	5.4	59	5.7	18	680	.5	6.3	2	86	0	<10	380
25...	.9	26	1.9	12	83	.2	14	--	--	--	--	--
AUG.												
04...	12	61	12	63	3000	1.0	12	3	<100	<6	<40	2600
19...	11	60	12	59	2800	1.1	13	--	--	--	--	--
SEP.												
10...	3.6	54	7.0	15	320	.6	5.5	2	<200	--	--	230
OCT.												
09...	12	63	9.0	58	2700	.9	10	2	<100	10	--	2300
20...	11	61	9.1	59	2900	1.0	10	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	12	63	8.2	54	2400	.9	9.5	4	0	--	--	2000

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WATER QUALITY DATA

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
OCT., 1974												
10...	<1	0	0	3	50	2	70	38	12	1	4100	2.8
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	0	0	0	4	20	0	130	45	18	--	--	2.6
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	0	<10	3	7	20	2	210	40	14	--	--	2.3
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	0	0	0	3	30	0	160	33	7	0	4300	4.2
FEB.												
04...	0	20	0	4	10	0	67	24	4	--	--	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	0	0	7	220	0	10	20	0	--	--	6.7
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	0	0	0	5	20	0	0	28	3	0	3600	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	0	0	0	7	40	0	20	24	1	--	--	1.2
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	0	0	3	50	0	10	19	1	--	--	.0
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	0	0	2	9	50	0	20	14	4	0	1200	1.6
25...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	0	10	0	3	30	3	100	43	7	<3	4200	.6
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	0	0	0	31	110	0	10	7	8	--	--	.9
OCT.												
09...	0	10	1	5	0	0	230	42	5	0	4200	.4
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	0	<10	1	6	30	0	170	33	5	--	--	1.3

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WATER QUALITY DATA

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
OCT., 1974												
10...	10	--	10	--	--	120	0	--	--	--	.4	.5
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	20	--	0	--	--	110	0	--	--	20	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	10	--	0	--	--	100	3	--	--	21	.9	.5
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	10	<90	10	<40	<90	120	0	<60	<150	38	1.3	1.8
FEB.												
04...	20	--	0	--	--	100	0	--	--	170	1.8	3.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	40	--	20	--	--	60	4	--	--	<17	19	4.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	20	<20	30	<9	<30	90	4	<20	<40	18	.2	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	10	--	20	--	--	80	3	--	--	<17	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	--	30	--	--	50	2	--	--	<18	4.2	2.9
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	10	<10	30	<3	<7	20	2	<3	<10	26	.0	.0
25...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	10	<40	10	<10	<25	120	0	30	<50	--	1.8	1.8
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	40	--	90	--	--	10	1	--	--	18	5.8	6.6
OCT.												
09...	10	--	10	--	--	140	0	--	--	--	6.8	3.2
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	26	--	--
DEC.												
04...	10	--	30	--	--	90	1	--	--	--	1.5	1.1

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WATER QUALITY DATA

DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)
OCT., 1974												
10...	1	.0	--	--	--	--	--	--	--	--	--	--
23...	7	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	0	--	--	--	--	--	--	--	--	--	--	--
21...	0	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	3	--	--	--	--	--	--	--	--	--	--	--
16...	0	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	0	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	6	--	--	--	--	--	--	--	--	--	--	--
18...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	5	--	--	--	--	--	--	--	--	--	--	--
17...	4	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	4	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
22...	3	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	3	--	--	--	--	--	--	--	--	--	--	--
20...	4	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	1	--	--	--	--	--	--	--	--	--	--	--
23...	2	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	24	--	--	--	--	--	--	--	--	--	--	--
25...	7	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	4	--	--	--	--	--	--	--	--	--	--	--
19...	5	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	9	--	--	--	--	--	--	--	--	--	--	--
OCT.												
09...	1	.4	--	--	--	--	--	--	--	--	--	--
20...	4	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	2	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT., 1974									
10...	--	--	--	--	--	5150	4820	.11	7.00
23...	--	--	--	--	--	4970	4650	.27	6.76
NOV.									
14...	--	--	--	--	--	5090	4560	.18	6.92
21...	--	--	--	--	--	4700	4430	.13	6.39
DEC.									
05...	--	--	--	--	--	4530	4210	3.18	6.16
16...	--	--	--	--	--	4500	4210	4.62	6.12
JAN., 1975									
08...	--	--	--	--	--	5620	5310	.15	7.64
FEB.									
04...	--	--	--	--	--	5190	5030	.28	7.06
18...	--	--	--	--	--	4780	4700	5.55	6.50
MAR.									
04...	--	--	--	--	--	2560	2380	68.4	3.48
17...	--	--	--	--	--	3520	3410	6.08	4.79
APR.									
09...	.00	.0	.00	.00	.00	3880	3490	21.3	5.28
22...	--	--	--	--	--	3880	3620	26.2	5.28
MAY									
08...	--	--	--	--	--	3680	3530	26.8	5.00
20...	--	--	--	--	--	3680	3440	26.8	5.00
JUNE									
04...	--	--	--	--	--	3640	3220	15.8	4.95
23...	--	--	--	--	--	3450	3360	15.8	4.69
JULY									
15...	--	--	--	--	--	1170	1140	7.77	1.59
25...	--	--	--	--	--	281	283	.24	.38
AUG.									
04...	--	--	--	--	--	4920	4760	.13	6.69
19...	--	--	--	--	--	4800	4580	.13	6.53
SEP.									
10...	--	--	--	--	--	604	637	13.3	.82
OCT.									
09...	--	--	--	--	--	4740	4420	.13	6.45
20...	--	--	--	--	--	4660	4560	.06	6.34
NOV.									
05...	--	--	--	--	--	--	--	--	--
DEC.									
04...	--	--	--	--	--	4440	4000	.98	6.04

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09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT., 1974							
10...	.13	--	.03	.4	.0	--	--
23...	.08	.00	.00	.4	--	--	--
NOV.							
14...	.03	.31	.03	.4	.0	<60	18
21...	.05	.71	.00	.4	--	--	--
DEC.							
05...	.08	5.6	.10	.4	<.1	53	18
16...	.17	7.0	.07	.4	--	--	--
JAN., 1975							
08...	.08	.13	.00	.4	.0	120	30
FEB.							
04...	.04	.04	.03	.3	.0	61	140
18...	.08	3.2	.00	.4	--	--	--
MAR.							
04...	.05	9.7	.07	.2	.0	<30	<20
17...	.04	6.2	.03	.2	--	--	--
APR.							
09...	.03	8.7	.10	.3	.0	50	15
22...	.00	6.2	.03	.3	--	--	--
MAY							
08...	.03	6.5	.13	.2	.0	<52	<14
20...	.04	5.3	.03	.2	--	--	--
JUNE							
04...	.01	5.3	.03	.3	.0	67	<14
23...	.04	4.4	.03	.3	--	--	--
JULY							
15...	.00	4.1	.16	.1	.0	16	20
25...	.00	.18	.03	.1	--	--	--
AUG.							
04...	.00	.27	.10	.4	.0	--	--
19...	.00	.13	.03	.4	--	--	--
SEP.							
10...	.04	21	.16	.1	.0	<10	15
OCT.							
09...	.00	.00	.03	.4	.0	--	--
20...	.00	.09	.03	.3	--	--	--
NOV.							
05...	--	--	--	--	--	<43	21
DEC.							
04...	.00	3.2	.07	.3	.0	--	--

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09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	TIME	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
JAN., 1976												
06...	1230	2.0	2.0	.03	5	15	5000	7.9	35	7.8	15	487

09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)	OIL AND GREASE (MG/L) (00550)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L) (00608)	DIS- SOLVED NITRITE (N) (MG/L) (00613)	DIS- SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L) (00625)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS- SOLVED ORTHO PHOS- PHATE (P04) (MG/L) (00660)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	DIS- SOLVED ORTHO. PHOS- PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
JAN., 1976												
06...	594	0	0	.04	.00	.01	1.6	.01	.06	.01	.02	16

09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	TOTAL INORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DISSOLVED SULFIDE (S) (MG/L) (00746)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)
JAN., 1976												
06...	123	.00	.0	1400	870	210	200	980	12	61	8.6	75

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09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
JAN., 1976												
06...	2800	.8	9.3	0	300	10	2000	0	0	0	20	10

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09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	CHLORO-PHYLL A (UG/L) (32230)
JAN., 1976												
06...	0	410	29	3	0	4000	1.3	0	10	100	0	.4

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09306420 - EVACUATION CREEK AT WATSON UTAH

WATER QUALITY DATA

DATE	CHLORO- PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER DAY) (70302)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)
JAN., 1976											
06...	.2	4	4740	4580	.47	6.45	.05	.04	.00	.4	.1

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WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
AUG., 1974												
27...	1430	--	750602	31.0	--	.50	--	--	7	5500	13.0	33
SEP.												
17...	1330	--	--	26.0	--	--	--	--	20	4250	--	30
OCT.												
10...	1500	--	751131	22.5	--	.02	--	--	10	4500	11.3	19
22...	1542	--	--	6.5	--	.16	--	--	--	4710	--	6
NOV.												
12...	1430	--	751757	7.0	--	.05	--	--	7	4400	--	35
22...	1115	--	--	10.7	--	.14	--	1	--	4400	--	19
DEC.												
05...	1515	--	751717	5.2	--	.06	--	1	10	4300	--	25
16...	1215	--	--	.5	--	.04	--	1	--	1300	--	24
JAN., 1975												
09...	1400	--	752272	1.5	-3.5	.04	--	2	3	4500	8.1	24
FEB.												
04...	1400	--	--	3.5	1.0	.05	--	1	5	4600	8.4	24
17...	1020	--	--	3.0	--	.03	--	4	--	5500	--	27
MAR.												
04...	1450	--	--	6.0	12.0	10	--	2800	20	2800	9.2	88
17...	1400	--	--	5.2	--	.25	--	3	--	4210	--	22
APR.												
09...	1100	--	--	10.5	7.0	1.3	--	240	5	4000	7.4	37
22...	1445	--	--	17.0	--	1.1	2.00	30	--	4250	6.9	25
MAY												
07...	1130	--	753401	6.2	--	2.8	--	800	8	4500	8.5	52
20...	1406	--	--	17.9	--	1.8	--	800	--	4800	4.9	50
JUNE												
02...	1430	--	--	23.5	24.5	1.6	--	2700	10	3650	7.6	110
24...	1315	--	--	15.5	--	1.8	--	380	--	4080	--	32
JULY												
07...	1300	--	--	24.0	28.0	.37	--	3	10	3600	--	28
14...	1030	.2	--	17.0	--	3.1	--	33000	--	2410	--	2600
AUG.												
04...	1530	--	760439	30.0	--	.20	--	18	10	4250	7.1	28
19...	1400	8.0	--	25.5	--	.14	--	29	--	4400	--	31
SEP.												
08...	1520	--	--	24.5	24.0	.08	--	0	7	4400	8.0	26
10...	1030	--	--	13.8	--	6.9	--	--	--	1200	--	--
OCT.												
07...	1320	--	--	17.5	21.5	.03	--	4	7	5100	9.0	30

09306430 - EVACUATION CR NR MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
AUG., 1974												
27...	8.0	6.8	351	428	0	--	--	.09	.02	.32	.91	.34
SEP.												
17...	7.9	9.0	367	447	0	--	0	.09	.01	.10	1.2	.11
OCT.												
10...	8.2	4.7	382	466	0	3600	250	.12	.00	--	.85	.00
22...	8.0	7.2	368	449	0	--	1	.03	.00	.00	1.0	.00
NOV.												
12...	8.7	1.6	399	487	0	3900	0	.11	.01	.01	.49	.02
22...	8.4	3.1	404	493	0	--	0	.01	.00	.02	.36	.02
DEC.												
05...	8.4	3.2	412	502	0	4000	0	.02	.03	.13	.44	.16
16...	--	--	434	529	0	--	0	.11	.01	.08	.66	.09
JAN., 1975												
09...	8.3	4.3	444	541	0	4400	8	.01	.01	.01	.63	.02
FEB.												
04...	7.8	14	444	541	0	5000	5	.01	.03	.02	.48	.05
17...	--	--	443	540	0	--	--	--	.00	.01	.48	.01
MAR.												
04...	8.1	3.8	247	301	0	2200	5	.10	.11	.99	.82	1.1
17...	--	--	438	534	0	--	9	.04	.00	1.2	.39	1.2
APR.												
09...	7.8	13	406	495	0	3800	3	.03	.00	1.5	.67	1.5
22...	--	--	404	492	0	--	2	.11	.01	1.8	.63	1.8
MAY												
07...	8.2	4.9	395	482	0	3800	1	.02	.02	1.7	2.1	1.7
20...	8.0	7.0	359	438	0	--	1	.03	.01	1.3	2.2	1.3
JUNE												
02...	7.9	6.5	297	362	0	3100	2	.01	.03	1.1	5.0	1.1
24...	--	--	340	415	--	--	1	.03	.02	1.1	1.2	1.1
JULY												
07...	7.8	12	386	471	0	--	2	.03	.07	.92	.54	.99
14...	7.3	25	251	306	0	--	--	.04	.03	1.1	.16	1.1
AUG.												
04...	7.5	24	390	475	0	2800	1	.04	.03	.93	.57	.96
19...	9.0	.7	374	456	0	--	1	.00	.01	.34	.43	.35
SEP.												
08...	8.2	4.9	396	483	0	3900	0	.03	.03	.41	2.5	.44
10...	--	--	125	152	--	--	--	--	--	--	--	--
OCT.												
07...	7.6	20	407	496	0	--	0	.00	.03	.07	.75	.10

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WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
AUG., 1974												
27...	.00	.01	.00	--	--	--	.0	1000	660	140	160	710
SEP.												
17...	.00	.04	.00	13	43	.00	.2	1000	660	160	150	680
OCT.												
10...	.00	.01	.00	--	--	.00	.0	1100	740	170	170	730
22...	.03	.05	.01	--	--	--	.1	1100	690	160	160	720
NOV.												
12...	.03	.02	.01	--	--	.00	.0	1100	670	180	150	710
22...	.03	.03	.01	--	--	--	.0	1100	660	180	150	700
DEC.												
05...	.03	.02	.01	--	--	.00	.0	1100	650	160	160	710
16...	.03	.02	.01	--	--	--	.3	1200	720	180	170	730
JAN., 1975												
09...	.03	.02	.01	11	--	.00	.1	1200	760	200	170	760
FEB.												
04...	.09	.05	.03	--	--	.00	.1	1200	750	180	180	780
17...	.06	.03	.02	--	--	--	.0	1200	750	180	180	780
MAR.												
04...	.03	.30	.01	--	--	.00	.0	690	440	110	100	420
17...	.09	.01	.03	--	--	--	.1	1100	650	170	160	690
APR.												
09...	.00	.15	.00	8.1	--	.00	.2	1200	770	190	170	660
22...	.12	.08	.04	--	--	--	.1	1100	720	170	170	710
MAY												
07...	.06	.29	.02	--	--	.01	.0	1100	660	160	160	760
20...	.03	.52	.01	--	--	--	.0	1000	650	140	160	730
JUNE												
02...	.06	.01	.02	--	--	.01	.1	970	670	140	150	610
24...	.03	.32	.01	--	--	--	.0	1100	750	140	180	690
JULY												
07...	.06	.00	.02	8.2	--	.00	.1	1100	690	180	150	680
14...	.00	.00	.00	--	--	--	.1	810	560	200	75	330
AUG.												
04...	.06	.04	.02	--	--	.00	.0	1100	690	170	160	710
19...	.00	.01	.00	--	--	--	.1	950	580	150	140	550
SEP.												
08...	.03	.00	.01	--	--	.00	.2	1200	750	180	170	750
10...	.00	--	.00	--	--	--	--	260	130	62	25	160
OCT.												
07...	.00	.00	.00	15	--	.00	.2	1200	770	190	170	740

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WATER QUALITY DATA

DATE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)
AUG., 1974												
27...	9.7	60	9.8	49	2100	.8	9.5	2	50	<6	<20	2200
SEP.												
17...	9.3	59	12	50	2000	.9	10	3	100	0	--	1900
OCT.												
10...	9.5	58	10	53	2200	.8	7.9	2	0	--	--	1900
22...	9.6	59	8.9	55	2200	.9	7.9	--	--	--	--	--
NOV.												
12...	9.5	59	1.8	52	2100	.8	7.6	2	0	--	--	2300
22...	9.3	59	7.8	52	2000	.6	8.0	--	--	--	--	--
DEC.												
05...	9.5	59	7.0	51	2000	.8	8.3	2	<100	--	--	2000
16...	9.4	58	5.4	58	2100	.8	8.8	--	--	--	--	--
JAN., 1975												
09...	9.6	58	7.9	58	2400	.8	10	2	0	0	<65	2400
FEB.												
04...	9.8	59	7.7	60	2400	.7	9.8	6	<100	--	--	2500
17...	9.8	59	7.2	59	2300	.8	8.9	--	--	--	--	--
MAR.												
04...	7.0	57	6.2	25	1200	.5	6.1	0	100	--	--	590
17...	9.1	58	9.5	47	1900	.8	10	--	--	--	--	--
APR.												
09...	8.4	55	8.2	47	2000	.7	10	1	<100	<10	--	1700
22...	9.2	58	8.6	47	2100	.8	10	--	--	--	--	--
MAY												
07...	10	61	7.4	44	2200	.8	10	2	0	--	--	1200
20...	10	61	7.1	42	2100	.8	11	--	--	--	--	--
JUNE												
02...	8.5	58	7.2	41	1900	.7	9.9	1	0	--	--	990
24...	9.1	58	7.9	42	2200	.8	14	--	--	--	--	--
JULY												
07...	9.1	58	9.1	44	2100	.9	11	0	0	0	--	1500
14...	5.1	47	9.6	20	1300	.6	10	--	--	--	--	--
AUG.												
04...	9.4	59	10	48	2200	.9	11	1	<100	--	--	1600
19...	7.8	55	7.5	46	1700	.7	11	--	--	--	--	--
SEP.												
08...	9.6	58	11	49	2300	.9	10	2	<200	--	--	1700
10...	4.3	57	7.7	25	430	.6	6.9	--	--	--	--	250
OCT.												
07...	9.4	58	8.7	51	2300	.8	9.3	2	<100	10	--	1800

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WATER QUALITY DATA

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
AUG., 1974												
27...	0	0	0	4	20	2	80	57	2	<2	4200	1.2
SEP.												
17...	0	0	0	4	20	2	40	67	2	0	3900	.4
OCT.												
10...	0	0	0	2	30	3	30	53	9	--	--	3.2
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	0	0	0	2	20	0	60	49	6	--	--	3.1
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	0	<10	2	1	50	2	70	47	9	--	--	1.3
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
09...	0	0	1	4	40	3	190	53	7	0	4200	.0
FEB.												
04...	0	30	.0	3	20	1	110	37	5	--	--	.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	0	0	600	100	0	20	20	0	--	--	.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	1	0	0	160	30	3	90	38	3	0	3800	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	0	0	0	6	80	0	30	28	2	--	--	1.3
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	0	0	0	10	200	4	40	35	3	--	--	.0
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
07...	0	0	2	7	10	1	50	41	6	0	3700	.7
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	1	0	0	9	10	1	40	44	6	--	--	.7
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	0	10	0	3	0	0	30	50	1	--	--	.6
10...	--	--	--	29	200	--	60	--	--	--	--	--
OCT.												
07...	0	10	1	4	0	0	90	53	4	0	4100	.7

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DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
AUG., 1974												
27...	10	<20	0	<5	<20	120	--	<13	<20	--	--	--
SEP.												
17...	20	--	30	--	--	120	2	--	--	--	8.5	4.2
OCT.												
10...	10	--	0	--	--	150	1	--	--	23	13	5.4
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	60	--	10	--	--	130	0	--	--	19	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	<10	--	0	--	--	110	1	--	--	23	.6	.5
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
09...	40	<65	20	<30	<65	130	0	<45	<110	66	.0	.5
FEB.												
04...	40	--	20	--	--	130	1	--	--	16	3.3	4.6
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	40	--	90	--	--	50	2	--	--	25	8.5	4.5
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	20	--	30	--	--	120	2	--	--	29	1.0	1.1
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	70	--	90	--	--	100	4	--	--	<17	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	20	--	110	--	--	80	2	--	--	<18	18	10
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
07...	0	--	0	--	--	110	3	--	--	--	1.5	.8
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	10	--	0	--	--	100	4	--	--	<9.5	.0	.2
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	10	--	10	--	--	120	2	--	--	37	3.2	1.7
10...	--	--	--	--	--	--	--	--	--	--	--	--
OCT.												
07...	10	--	20	--	--	170	1	--	--	--	2.4	.1

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WATER QUALITY DATA

DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)
AUG., 1974												
27...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
SEP.												
17...	4	.1	--	--	--	--	--	--	--	--	--	--
OCT.												
10...	2	--	--	--	--	--	--	--	--	--	--	--
22...	3	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	1	--	--	--	--	--	--	--	--	--	--	--
22...	0	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	0	--	--	--	--	--	--	--	--	--	--	--
16...	1	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
09...	6	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	25	--	--	--	--	--	--	--	--	--	--	--
17...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	7	--	--	--	--	--	--	--	--	--	--	--
17...	4	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	2	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
22...	4	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	4	--	--	--	--	--	--	--	--	--	--	--
20...	3	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	8	--	--	--	--	--	--	--	--	--	--	--
24...	1	--	--	--	--	--	--	--	--	--	--	--
JULY												
07...	1	--	--	--	--	--	--	--	--	--	--	--
14...	12	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	2	--	--	--	--	--	--	--	--	--	--	--
19...	4	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	2	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
OCT.												
07...	0	.0	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
AUG., 1974									
27...	.00	.0	.00	.00	.00	3570	3400	4.82	4.86
SEP.									
17...	--	--	--	--	--	3630	3290	--	4.94
OCT.									
10...	--	--	--	--	--	3890	3570	.21	5.29
22...	--	--	--	--	--	3940	3530	1.70	5.36
NOV.									
12...	--	--	--	--	--	3870	3450	.52	5.26
22...	--	--	--	--	--	3710	3340	1.40	5.05
DEC.									
05...	--	--	--	--	--	3700	3350	.60	5.03
16...	--	--	--	--	--	3800	3520	.41	5.17
JAN., 1975									
09...	--	--	--	--	--	4020	3880	.43	5.47
FEB.									
04...	--	--	--	--	--	4070	3890	.55	5.54
17...	--	--	--	--	--	3890	3780	.32	5.29
MAR.									
04...	--	--	--	--	--	2150	2020	59.8	2.92
17...	--	--	--	--	--	3500	3260	2.36	4.76
APR.									
09...	.00	.0	.00	.00	.00	3570	3340	12.9	4.86
22...	--	--	--	--	--	3710	3470	11.0	5.05
MAY									
07...	--	--	--	--	--	3820	3590	29.5	5.20
20...	--	--	--	--	--	3780	3410	18.4	5.14
JUNE									
02...	--	--	--	--	--	3250	3040	14.0	4.42
24...	--	--	--	--	--	3670	3480	17.8	4.99
JULY									
07...	--	--	--	--	--	3620	3420	3.62	4.92
14...	--	--	--	--	--	2150	2100	18.0	2.92
AUG.									
04...	--	--	--	--	--	3690	3550	1.99	5.02
19...	--	--	--	--	--	2860	2830	1.08	3.89
SEP.									
08...	--	--	--	--	--	3790	3710	.82	5.15
10...	--	--	--	--	--	--	793	14.9	1.08
OCT.									
07...	--	--	--	--	--	3970	3720	.32	5.40

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WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
AUG., 1974							
27...	.12	1.4	.07	.3	.0	--	--
SEP.							
17...	.12	.44	.03	.3	.3	--	--
OCT.							
10...	.15	--	.00	.4	.1	<52	20
22...	.04	.00	.00	.3	--	--	--
NOV.							
12...	.14	.04	.03	.2	.2	<50	17
22...	.01	.09	.00	.3	--	--	--
DEC.							
05...	.03	.58	.10	.3	<.1	57	21
16...	.14	.35	.03	.4	--	--	--
JAN., 1975							
09...	.01	.04	.03	.4	.0	280	53
FEB.							
04...	.01	.09	.10	.3	.0	<57	14
17...	--	.04	.00	.4	--	--	--
MAR.							
04...	.13	4.4	.36	.2	.0	61	21
17...	.05	5.3	.03	.2	--	--	--
APR.							
09...	.04	6.6	.00	.3	.2	110	23
22...	.14	7.9	.03	.3	--	--	--
MAY							
07...	.03	7.4	.07	.3	.0	50	<14
20...	.04	5.7	.03	.4	--	--	--
JUNE							
02...	.01	4.7	.10	.3	.0	<39	<14
24...	.04	4.8	.07	.3	--	--	--
JULY							
07...	.04	4.1	.23	.3	.0	--	--
14...	.05	4.7	.10	.1	--	--	--
AUG.							
04...	.05	4.1	.10	.2	.0	<23	<7.5
19...	.00	1.5	.03	.2	--	--	--
SEP.							
08...	.04	1.8	.10	.3	.0	62	34
10...	--	--	--	--	--	--	--
OCT.							
07...	.00	.31	.10	.3	.0	--	--

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WATER QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	TUR- BID- ITY (JTU) (00070)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	DIS- SOLVED OXYGEN (MG/L) (00300)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA- LINITY AS CACO3 (MG/L) (00410)
OCT., 1975												
20...	1300	15.9	--	15	3	--	4630	--	25	7.4	30	390
NOV.												
05...	1330	15.5	11.0	.01	--	--	4150	11.0	--	8.3	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	1130	3.0	2.5	.05	3	6	4390	11.0	23	7.5	25	410
JAN., 1976												
08...	1230	.5	--	.03	1	9	4600	6.4	20	7.7	17	435

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WATER QUALITY DATA

DATE	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)
OCT., 1975												
20...	476	0	--	0	--	--	.01	.01	.01	.50	.02	.00
NOV.												
05...	--	--	3700	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	4.3	4.5	--	--	--	--	--	--
DEC.												
03...	500	0	--	0	--	--	.04	.01	.06	.59	.07	.03
JAN., 1976												
08...	530	0	--	0	--	--	.03	.01	.03	.68	.04	.03

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT., 1975												
20...	.01	.00	--	--	--	.0	1100	690	170	160	760	10
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	.00	.01	--	--	.00	.0	1100	670	170	160	740	9.8
JAN., 1976												
08...	.00	.01	12	114	.00	.2	1200	720	180	170	730	9.4

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WATER QUALITY DATA

DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
OCT., 1975												
20...	60	8.1	51	2300	.8	7.3	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	60	7.4	49	2100	.7	8.2	1	100	--	1800	0	<10
JAN., 1976												
08...	58	7.7	57	2100	.8	8.8	0	200	10	1900	0	0

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DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)
OCT., 1975												
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	1	2	20	1	130	43	6	--	--	1.1	10	20
JAN., 1976												
08...	1	5	20	0	110	39	4	0	3900	1.3	10	10

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WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT., 1975												
20...	--	--	--	--	--	--	--	4	3840	3690	156	5.22
NOV.												
05...	--	--	22	--	--	--	--	--	--	--	--	--
28...	--	--	--	.1	1.7	--	--	--	--	--	--	--
DEC.												
03...	110	0	--	--	--	1.6	.3	1	3470	3480	.47	4.72
JAN., 1976												
08...	120	0	--	--	--	.0	.0	2	3870	3520	.31	5.26

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09306430 - EVACUATION CR NR MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT., 1975							
20...	.01	.04	.03	.2	--	--	--
NOV.							
05...	--	--	--	--	--	62	18
28...	--	--	--	--	--	--	--
DEC.							
03...	.05	.27	.03	.3	.0	--	--
JAN., 1976							
08...	.04	.13	.03	.3	.0	--	--

09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TUR-BID-ITY (JTU) (00070)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)
AUG., 1974												
06...	1745	--	--	26.0	27.0	4020	382	--	--	--	800	7.7
27...	1130	--	750601	19.0	--	4020	275	--	--	4	900	7.0
SEP.												
10...	1500	--	--	28.5	34.0	4020	202	--	--	--	1020	7.4
17...	1100	--	--	15.0	--	4020	400	--	--	7	740	--
OCT.												
09...	1030	--	751156	11.0	--	4020	447	--	--	40	630	8.5
22...	1635	--	--	12.0	--	4020	399	--	--	--	776	--
NOV.												
12...	1100	--	751760	3.0	--	4020	415	--	--	5	775	--
21...	1500	--	--	3.0	--	4020	439	--	20	--	803	--
DEC.												
03...	1230	--	751844	.0	--	4020	238	--	20	5	855	--
16...	1031	--	--	.0	--	4020	381	--	10	--	958	--
JAN., 1975												
06...	1030	--	--	1.0	2.5	4020	255	--	5	5	800	11.6
20...	1200	--	--	.5	--	4020	495	--	20	--	800	--
FEB.												
03...	1100	--	752439	.2	--	4020	412	--	20	3	830	9.5
17...	0950	--	--	.2	--	4020	396	--	20	--	800	--
MAR.												
03...	1200	--	752674	.0	10.0	4020	595	--	300	20	890	10.5
18...	--	--	--	1.8	--	4020	--	--	300	--	906	--
18...	1100	--	--	--	--	4020	498	--	--	--	--	--
APR.												
05...	1330	--	753381	--	3.0	4020	544	--	100	3	760	9.3
07...	1045	--	752940	6.0	3.0	4020	530	--	680	4	1010	8.8
23...	1425	--	--	14.0	--	4020	446	2.63	38	--	860	7.1
MAY												
05...	1333	--	--	10.5	3.0	4020	544	--	--	--	760	9.3
21...	1435	--	--	11.0	--	4020	2700	--	800	--	636	6.4
JUNE												
02...	1240	--	753719	16.5	23.0	4020	1670	--	330	15	470	8.2
JULY												
09...	1600	--	--	22.0	--	4020	2130	--	640	35	330	6.7
14...	1330	.5	--	20.0	--	4020	1230	--	360	--	442	--
AUG.												
04...	1130	--	760438	20.0	28.5	4020	578	--	76	15	700	8.1
19...	1430	--	--	21.0	--	4020	450	--	39	--	996	--
SEP.												
08...	1530	--	--	20.0	--	4020	320	--	1	5	750	15.0

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WATER QUALITY DATA

DATE	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)
AUG., 1974												
06...	--	8.1	3.1	198	241	--	--	--	--	--	--	--
27...	9	8.1	3.0	192	234	0	--	--	.05	.00	.04	.33
SEP.												
10...	--	8.2	2.4	196	239	--	--	--	--	--	--	--
17...	5	8.2	2.6	215	262	0	--	0	.01	.00	.00	.38
OCT.												
09...	2	8.3	1.8	184	224	0	500	0	.04	.01	--	.48
22...	0	--	--	184	224	0	--	4	.03	.00	.01	.13
NOV.												
12...	9	8.4	1.5	189	224	3	510	0	.04	.00	.06	.16
21...	5	--	--	200	244	0	--	1	.03	.00	.01	.16
DEC.												
03...	12	8.3	2.3	236	288	0	650	1	.01	.00	.01	.10
16...	8	--	--	211	257	0	--	1	.09	.00	.18	.30
JAN., 1975												
06...	7	8.3	2.2	230	280	0	620	6	.08	.01	.36	.32
20...	1	--	--	193	235	0	--	5	.09	.01	.28	.17
FEB.												
03...	7	8.2	2.5	207	252	0	560	3	.11	.01	.29	.33
17...	2	--	--	200	244	0	--	5	.19	.00	.21	.25
MAR.												
03...	20	7.9	4.6	188	229	0	570	6	.12	.01	.39	.75
18...	38	--	--	193	235	0	--	3	.06	.00	.11	.61
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	5	8.4	1.2	172	208	1	540	3	.02	.01	.00	.37
07...	27	8.6	1.1	221	269	0	690	1	.01	.00	.12	.94
23...	9	8.0	3.9	199	243	0	--	1	.03	.00	.00	.35
MAY												
05...	--	8.4	1.2	176	215	0	--	--	--	--	--	--
21...	27	7.8	4.0	129	157	0	--	1	.03	.00	.33	1.5
JUNE												
02...	42	8.2	1.8	144	175	0	320	1	.01	.00	.15	1.6
JULY												
09...	81	8.2	1.3	107	131	0	270	2	.00	.00	.07	3.2
14...	45	7.4	10	135	164	0	--	1	.00	.01	.05	3.3
AUG.												
04...	19	8.4	1.5	196	239	0	490	1	.00	.00	.01	.86
19...	21	8.8	.6	193	223	6	--	0	.00	.00	.02	.38
SEP.												
08...	8	8.5	1.1	179	218	0	550	1	.00	.00	.35	.70

09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)
AUG., 1974												
06...	.24	.09	--	.03	--	--	--	--	310	110	70	32
27...	.04	.00	.03	.00	--	--	--	.1	290	89	60	34
SEP.												
10...	.13	.09	--	.03	--	--	--	--	460	260	120	39
17...	.00	.00	.04	.00	4.5	32	.00	.3	310	95	74	30
OCT.												
09...	.01	.00	.05	.00	--	--	.00	.1	270	84	66	25
22...	.01	.03	.05	.01	--	--	--	.0	270	87	67	25
NOV.												
12...	.06	.06	.03	.02	--	--	.00	.0	250	61	62	23
21...	.01	.15	.74	.05	--	--	--	.0	290	86	75	24
DEC.												
03...	.01	.03	.04	.01	--	--	.00	.0	320	84	77	31
16...	.18	.03	.06	.01	--	--	--	.3	290	79	73	26
JAN., 1975												
06...	.37	.06	.00	.02	4.1	--	.00	.1	310	77	76	28
20...	.29	.06	.05	.02	--	--	--	.0	270	81	70	24
FEB.												
03...	.30	.09	.06	.03	--	--	.00	.2	290	84	75	25
17...	.21	.12	.02	.04	--	--	--	.1	270	72	66	26
MAR.												
03...	.40	.06	.22	.02	--	--	.00	.0	290	100	67	30
18...	.11	.09	.21	.03	--	--	--	.1	300	110	70	31
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	.00	.06	.09	.02	--	--	.01	.0	270	95	64	26
07...	.12	.03	.22	.01	13	--	.00	.1	330	110	74	34
23...	.00	.09	.13	.03	--	--	--	.1	320	120	72	33
MAY												
05...	.05	.06	--	.02	--	--	--	--	270	97	65	27
21...	.33	.03	.07	.01	--	--	--	.1	160	35	41	15
JUNE												
02...	.15	.09	.01	.03	--	--	.00	.1	190	50	46	19
JULY												
09...	.08	.00	1.1	.00	14	--	.00	.1	140	30	35	12
14...	.06	.00	.63	.00	--	--	--	.0	180	40	47	14
AUG.												
04...	.01	.03	.23	.01	--	--	.00	.0	270	74	67	25
19...	.02	.00	.14	.00	--	--	--	1.9	290	94	67	29
SEP.												
08...	.35	.00	.02	.00	--	--	.00	.0	270	86	60	28

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09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)
AUG., 1974												
06...	74	1.8	34	2.5	35	200	.3	15	--	--	--	--
27...	90	2.3	40	2.8	42	210	.4	12	2	63	<3	<10
SEP.												
10...	120	2.4	36	3.0	79	220	.4	10	--	--	--	--
17...	85	2.1	37	3.1	53	200	.4	14	2	0	0	--
OCT.												
09...	60	1.6	33	2.0	32	160	.2	14	4	0	--	--
22...	67	1.8	35	2.4	35	170	.3	12	--	--	--	--
NOV.												
12...	61	1.7	35	1.0	32	150	.2	13	1	0	--	--
21...	75	1.9	36	1.9	36	180	.3	12	--	--	--	--
DEC.												
03...	83	2.0	36	2.4	45	190	.3	15	2	<100	--	--
16...	68	1.7	34	1.6	40	160	.3	14	--	--	--	--
JAN., 1975												
06...	76	1.9	35	2.1	46	180	.3	17	1	52	<10	<11
20...	64	1.7	34	2.1	37	150	.2	16	--	--	--	--
FEB.												
03...	69	1.8	34	2.2	40	180	.2	17	3	<100	--	--
17...	70	1.8	36	2.0	41	170	.3	15	--	--	--	--
MAR.												
03...	90	2.3	40	2.6	46	210	.3	13	0	<100	--	--
18...	84	2.1	37	2.5	48	200	.2	12	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	70	1.9	36	2.0	35	190	.3	11	0	0	--	--
07...	110	2.7	42	2.6	44	250	.3	12	1	55	<2	<4
23...	84	2.1	36	2.2	41	220	.3	12	--	--	--	--
MAY												
05...	66	1.7	34	2.1	35	180	.2	12	--	--	--	--
21...	30	1.0	28	1.9	13	81	.2	11	--	--	--	--
JUNE												
02...	30	.9	25	1.5	13	86	.2	12	0	0	--	--
JULY												
09...	17	.6	21	1.3	10	59	.2	13	2	130	0	<2
14...	28	.9	26	1.6	13	76	.2	14	--	--	--	--
AUG.												
04...	54	1.4	30	2.2	25	150	.3	15	1	<100	--	--
19...	64	1.6	32	2.2	29	180	.3	13	--	--	--	--
SEP.												
08...	70	1.9	36	2.5	36	180	.3	8.9	1	<200	--	--

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WATER QUALITY DATA

DATE	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
AUG., 1974												
06...	100	--	--	--	--	--	--	--	--	--	--	--
27...	90	0	0	0	2	20	2	20	4	1	<1	950
SEP.												
10...	130	--	--	--	--	--	--	--	--	--	--	--
17...	100	0	0	0	2	20	2	0	4	<1	0	1000
OCT.												
09...	130	<1	0	0	6	270	2	0	2	4	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	80	<1	0	0	0	10	0	0	2	12	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	70	0	<10	1	1	40	2	0	3	3	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
06...	70	0	0	0	4	40	1	20	1	10	0	1100
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	50	0	10	0	1	10	0	10	2	0	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	70	0	0	0	5	20	0	30	3	0	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	60	0	0	0	2	20	0	5	4	0	--	--
07...	100	0	0	0	4	30	0	0	3	3	0	990
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
05...	60	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	40	0	0	0	2	60	0	0	3	1	--	--
JULY												
09...	40	0	0	1	1	20	0	0	1	5	0	60
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	90	0	0	0	2	20	0	0	2	4	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	80	0	10	0	9	0	0	10	2	0	--	--

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DATE	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)
AUG., 1974												
06...	--	--	--	--	--	--	--	--	--	--	--	--
27...	.7	10	<8	20	<4	<11	0	--	<5	<12	--	--
SEP.												
10...	--	--	--	--	--	--	--	--	--	--	--	--
17...	.6	20	--	10	--	--	13	1	--	--	--	3.2
OCT.												
09...	.6	30	--	10	--	--	0	1	--	--	3.5	.8
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	2.8	110	--	10	--	--	0	1	--	--	3.0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	2.2	<10	--	10	--	--	<10	1	--	--	3.8	.3
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
06...	4.2	10	<11	0	<5	<11	10	2	<8	<18	12	1.1
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	.0	20	--	30	--	--	10	1	--	--	4.3	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	1.6	20	--	30	--	--	30	1	--	--	6.8	2.9
18...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	1.8	10	--	10	--	--	20	2	--	--	3.2	--
07...	.4	10	<4	50	<2	<6	30	2	2	<8	7.5	5.8
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
05...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	.4	0	--	30	--	--	0	1	--	--	4.2	5.4
JULY												
09...	1.6	20	<2	20	0	<2	0	0	6	<3	6.0	1.8
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	2.5	0	--	20	--	--	20	1	--	--	4.1	1.8
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	2.1	10	--	20	--	--	10	1	--	--	2.5	.4

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WATER QUALITY DATA

DATE	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)
AUG., 1974												
06...	--	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0
SEP.												
10...	--	--	--	--	--	--	--	--	--	--	--	--
17...	2.5	6	.0	--	--	--	--	--	--	--	--	--
OCT.												
09...	.9	0	--	--	--	--	--	--	--	--	--	--
22...	--	0	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	--	0	--	--	--	--	--	--	--	--	--	--
21...	--	1	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	.5	4	--	--	--	--	--	--	--	--	--	--
16...	--	0	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
06...	.8	--	--	--	--	--	--	--	--	--	--	--
20...	--	1	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	--	6	--	--	--	--	--	--	--	--	--	--
17...	--	6	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	.8	1	--	--	--	--	--	--	--	--	--	--
18...	--	6	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	--	3	--	--	--	--	--	--	--	--	--	--
07...	.8	2	.0	.00	.00	.0	.00	.00	.00	.00	.00	0
23...	--	4	--	--	--	--	--	--	--	--	--	--
MAY												
05...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	5	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	3.5	4	--	--	--	--	--	--	--	--	--	--
JULY												
09...	1.2	6	--	--	--	--	--	--	--	--	--	--
14...	--	5	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	3.1	4	--	--	--	--	--	--	--	--	--	--
19...	--	8	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	.2	7	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
AUG., 1974												
06...	--	--	--	--	--	--	--	549	566	.75	--	--
27...	.00	.00	.0	.00	.00	.00	575	568	435	.78	.06	.18
SEP.												
10...	--	--	--	--	--	--	--	710	387	.97	--	--
17...	--	--	--	--	--	--	602	590	650	.82	.01	.00
OCT.												
09...	--	--	--	--	--	--	477	470	576	.65	.05	--
22...	--	--	--	--	--	--	510	489	549	.69	.04	.04
NOV.												
12...	--	--	--	--	--	--	471	456	528	.64	.05	.27
21...	--	--	--	--	--	--	538	525	638	.73	.04	.04
DEC.												
03...	--	--	--	--	--	--	596	586	383	.81	.01	.04
16...	--	--	--	--	--	--	527	511	542	.72	.12	.80
JAN., 1975												
06...	--	--	--	--	--	--	575	567	396	.78	.10	1.6
20...	--	--	--	--	--	--	492	481	658	.67	.12	1.2
FEB.												
03...	--	--	--	--	--	--	552	535	614	.75	.14	1.3
17...	--	--	--	--	--	--	506	512	541	.69	.24	.93
MAR.												
03...	--	--	--	--	--	--	579	574	930	.79	.15	1.7
18...	--	--	--	--	--	--	594	564	--	.81	.08	.49
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	--	--	--	--	--	--	513	502	754	.70	.03	.00
07...	.00	.00	.0	.00	.00	.00	676	661	967	.92	.01	.53
23...	--	--	--	--	--	--	584	585	703	.79	.04	.00
MAY												
05...	--	--	--	--	--	--	--	494	726	.67	--	--
21...	--	--	--	--	--	--	278	272	2030	.38	.04	1.5
JUNE												
02...	--	--	--	--	--	--	303	295	1370	.41	.01	.66
JULY												
09...	--	--	--	--	--	--	223	213	1280	.30	.00	.31
14...	--	--	--	--	--	--	284	275	943	.39	.00	.22
AUG.												
04...	--	--	--	--	--	--	462	457	721	.63	.00	.04
19...	--	--	--	--	--	--	497	503	604	.68	.00	.09
SEP.												
08...	--	--	--	--	--	--	504	495	435	.69	.00	1.6

09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
AUG., 1974						
06...	--	--	--	4947	--	--
27...	.00	.1	.0	4947	--	--
SEP.						
10...	--	--	--	4947	--	--
17...	.00	.2	.0	4947	--	--
OCT.						
09...	.03	.1	.0	4947	6.9	2.9
22...	.00	.1	--	4947	--	--
NOV.						
12...	.00	.1	.0	4947	<5.6	2.4
21...	.00	.1	--	4947	--	--
DEC.						
03...	.00	.1	.1	4947	8.8	3.1
16...	.00	.1	--	4947	--	--
JAN., 1975						
06...	.03	.1	.2	4947	28	9.9
20...	.03	.1	--	4947	--	--
FEB.						
03...	.03	.1	.0	4947	8.5	3.6
17...	.00	.1	--	4947	--	--
MAR.						
03...	.03	.2	.0	4947	12	5.4
18...	.00	.1	--	4947	--	--
18...	--	--	--	4947	--	--
APR.						
05...	.03	.1	.0	4947	<9.2	2.8
07...	.00	.1	.0	4947	35	9.2
23...	.00	.1	--	4947	--	--
MAY						
05...	--	--	--	4947	--	--
21...	.00	.1	--	4947	--	--
JUNE						
02...	.00	.0	.0	4947	<4.3	3.4
JULY						
09...	.03	.0	.0	4947	10	4.9
14...	.03	.0	--	4947	--	--
AUG.						
04...	.00	.1	.0	4947	9.0	3.2
19...	.00	.1	--	4947	--	--
SEP.						
08...	.00	.1	.1	4947	9.4	2.1

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WATER QUALITY DATA

DATE	TIME	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	TUR-BID-ITY (JTU) (00070)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
OCT., 1975												
06...	1300	14.2	--	4020	416	25	5	720	8.0	11	8.5	1.1
20...	1330	9.3	--	4020	440	8	--	704	--	4	--	--
NOV.												
04...	1300	7.6	10.5	4020	492	50	5	625	10.2	9	8.2	2.3
04...	1301	7.6	10.5	4020	492	--	--	625	10.2	--	8.2	2.3
28...	--	--	--	4020	--	--	--	--	--	--	--	--
DEC.												
01...	1500	.0	--	4020	272	20	5	808	9.8	6	8.0	3.9
JAN., 1976												
05...	1545	.5	7.0	4020	220	7	4	760	11.4	1	8.0	4.0

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WATER QUALITY DATA

DATE	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
OCT., 1975												
06...	174	212	0	--	0	--	--	.01	.00	.00	.41	.00
20...	177	216	0	--	0	--	--	.01	.00	.00	.25	.00
NOV.												
04...	183	223	0	--	0	--	--	.02	.00	.02	.67	.02
04...	187	228	0	500	--	--	--	--	--	--	--	.04
28...	--	--	--	--	--	.10	.40	--	--	--	--	--
DEC.												
01...	198	241	0	--	0	--	--	.00	.01	.15	.29	.16
JAN., 1976												
05...	205	250	0	--	0	--	--	.04	.00	.25	.42	.25

09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT., 1975												
06...	.00	.03	.00	3.3	--	.00	.2	250	79	63	23	57
20...	.00	.03	.00	--	--	--	.0	260	81	64	24	52
NOV.												
04...	.06	.08	.02	--	--	.00	.0	270	83	67	24	59
04...	.00	--	.00	--	--	--	--	270	82	68	24	55
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.03	.00	.01	--	--	.00	.0	280	83	71	25	67
JAN., 1976												
05...	.03	.01	.01	3.1	53	.00	.0	300	96	79	25	60

09306500 - WHITE R NR WATSON UT

WATER QUALITY DATA

DATE	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	DIS- SOLVED BARIUM (BA) (UG/L) (01005)	DIS- SOLVED BERYL- LIUM (BE) (UG/L) (01010)	DIS- SOLVED BISMUTH (BI) (UG/L) (01015)	DIS- SOLVED BORON (B) (UG/L) (01020)
OCT., 1975												
06...	1.6	33	1.7	31	150	.3	11	1	<100	0	<3	60
20...	1.4	30	1.8	31	150	.3	11	--	--	--	--	--
NOV.												
04...	1.6	32	1.8	33	160	.3	12	1	0	--	--	50
04...	1.5	31	1.8	32	170	.3	12	--	--	--	--	60
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1.7	34	1.7	36	170	.2	15	0	100	--	--	70
JAN., 1976												
05...	1.5	30	2.2	39	160	.2	15	0	200	0	--	50

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WATER QUALITY DATA

DATE	DIS- SOLVED CAD- MIUM (CD) (UG/L) (01025)	DIS- SOLVED CHRO- MIUM (CR) (UG/L) (01030)	DIS- SOLVED COBALT (CO) (UG/L) (01035)	DIS- SOLVED COPPER (CU) (UG/L) (01040)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED LEAD (PB) (UG/L) (01049)	DIS- SOLVED MAN- GANESE (MN) (UG/L) (01056)	DIS- SOLVED MOLYB- DENUM (MO) (UG/L) (01060)	DIS- SOLVED NICKEL (NI) (UG/L) (01065)	DIS- SOLVED SILVER (AG) (UG/L) (01075)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)	DIS- SOLVED VANA- DIUM (V) (UG/L) (01085)
OCT., 1975												
06...	0	10	1	1	0	0	10	3	2	0	870	2.1
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	1	4	1	3	150	0	4	2	5	--	--	2.7
04...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	0	<10	0	5	30	0	0	3	3	--	--	1.5
JAN., 1976												
05...	0	0	1	3	0	1	0	4	2	0	980	1.4

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WATER QUALITY DATA

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)
OCT., 1975												
06...	10	<3	20	<2	<7	10	1	<2	<5	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	20	--	40	--	--	10	1	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	1.9	--	--
28...	--	--	--	--	--	--	--	--	--	--	.0	.2
DEC.												
01...	0	--	30	--	--	10	1	--	--	--	--	--
JAN., 1976												
05...	0	--	0	--	--	10	1	--	--	--	--	--

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WATER QUALITY DATA

DATE	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT., 1975									
06...	1.5	1.1	2	.0	461	443	518	.63	.01
20...	--	--	4	--	456	441	542	.62	.01
NOV.									
04...	.8	.5	11	--	484	468	643	.66	.03
04...	--	--	--	--	--	476	632	.65	--
28...	--	--	--	--	--	--	--	--	--
DEC.									
01...	.9	.0	2	--	515	506	378	.70	.00
JAN., 1976									
05...	1.8	.4	3	--	533	506	317	.72	.05

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WATER QUALITY DATA

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT., 1975							
06...	.00	.00	.1	.0	4947	--	--
20...	.00	.00	.0	--	4947	--	--
NOV.							
04...	.09	.00	.1	.0	4947	--	--
04...	--	--	--	--	4947	<6.9	1.6
28...	--	--	--	--	4947	--	--
DEC.							
01...	.66	.03	.1	.0	4947	--	--
JAN., 1976							
05...	1.1	.00	.1	.1	4947	--	--

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	INSTAN- TANEOUS DIS- CHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TUR- BID- ITY (JTU) (00070)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	DIS- SOLVED OXYGEN (MG/L) (00300)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
AUG., 1974												
28...	1200	--	750593	18.0	--	289	--	--	5	1100	8.2	12
SEP.												
18...	1100	--	--	15.5	--	424	--	--	8	900	--	12
OCT.												
08...	1630	--	751154	14.0	--	466	--	--	5	690	--	36
23...	1330	--	--	6.8	--	461	--	--	--	791	--	4
NOV.												
14...	1245	--	--	4.0	--	456	--	--	5	790	--	13
22...	1240	--	--	3.2	--	390	--	20	--	838	--	10
DEC.												
04...	1300	--	751845	.0	--	337	--	30	5	850	--	8
16...	1340	--	--	.4	--	387	--	40	--	884	--	3
JAN., 1975												
08...	1100	--	752269	.0	--	359	--	7	5	830	10.0	14
21...	1400	--	--	.4	--	329	--	20	--	802	--	8
FEB.												
04...	1145	--	--	.0	-6.0	350	--	10	3	825	9.7	4
18...	1120	--	--	.1	--	400	--	20	--	700	--	4
MAR.												
04...	1230	--	--	.5	9.0	550	--	200	20	825	9.0	21
18...	--	--	--	2.0	--	482	--	500	--	924	--	45
APR.												
08...	1430	--	--	4.0	5.0	495	--	400	4	1000	10.5	36
23...	1340	--	--	13.0	--	430	3.94	38	--	850	7.4	14
MAY												
06...	1230	--	753400	7.9	--	591	--	150	5	810	8.7	13
21...	1345	--	--	10.2	--	2721	--	1400	--	425	2.4	150
JUNE												
05...	1130	--	--	15.0	16.5	2388	--	500	20	420	7.8	75
24...	1010	--	--	14.4	--	2310	--	160	--	388	4.8	27
JULY												
09...	1400	--	--	20.5	29.0	2160	--	2000	40	360	8.0	200
14...	1245	.5	--	20.9	--	1420	--	2000	--	442	--	81
AUG.												
06...	1430	--	760441	22.0	--	496	--	60	10	700	7.5	17
20...	1200	5.0	--	19.2	--	385	--	34	--	742	--	12
SEP.												
10...	1130	--	--	19.0	21.0	377	--	2	9	780	7.2	10
OCT.												
08...	1320	--	--	10.0	--	409	--	25	5	740	9.1	10

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WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
AUG., 1974												
28...	8.1	3.2	208	254	0	--	--	.06	.00	.09	.26	.09
SEP.												
18...	8.0	4.2	213	260	0	--	2	.01	.00	.01	.79	.01
OCT.												
08...	7.9	4.5	183	223	0	510	180	.04	.01	--	.38	.01
23...	--	--	185	225	0	--	2	.03	.00	.00	.26	.00
NOV.												
14...	8.5	1.2	199	236	3	--	0	.03	.00	1.1	.11	1.1
22...	--	--	198	241	0	--	1	.00	.01	.00	.03	.01
DEC.												
04...	8.4	1.9	242	295	0	670	0	.01	.00	.00	.14	.00
16...	--	--	211	257	0	--	--	.04	.00	.18	.33	.18
JAN., 1975												
08...	8.2	2.7	219	267	0	600	7	.07	.00	.35	.27	.35
21...	--	--	196	239	0	--	5	.07	.01	.27	.38	.28
FEB.												
04...	8.1	3.2	204	249	0	540	3	.11	.01	.28	.31	.29
18...	--	--	199	243	0	--	6	.11	.00	.19	.38	.19
MAR.												
04...	7.8	5.6	181	221	0	520	7	.12	.04	.29	.84	.33
18...	--	--	199	243	0	--	3	.07	.01	.11	.95	.12
APR.												
08...	7.9	5.3	215	262	0	710	2	.01	.00	.11	1.2	.11
23...	8.3	2.0	203	247	0	--	2	.02	.00	.01	1.3	.01
MAY												
06...	8.2	2.1	174	212	0	560	2	.02	.00	.01	.62	.01
21...	--	--	126	153	0	--	3	.02	.00	.32	4.6	.32
JUNE												
05...	8.0	2.4	126	153	0	270	2	.06	.03	.19	2.4	.22
24...	8.8	.4	130	158	0	--	5	.04	.02	.09	1.1	.11
JULY												
09...	8.1	1.7	126	154	0	350	2	.00	.02	.14	7.6	.16
14...	7.2	17	141	172	0	--	E1	.00	.01	.08	1.6	.09
AUG.												
06...	8.2	2.4	193	235	0	490	0	.04	.01	.04	.47	.05
20...	--	--	195	238	--	--	1	.00	.00	.01	.34	.01
SEP.												
10...	8.4	1.5	193	233	1	690	0	.00	.00	.01	.30	.01
OCT.												
08...	8.7	.7	176	210	2	--	0	.00	.00	.00	.44	.00

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WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
AUG., 1974												
28...	.00	.08	.00	--	--	--	.3	320	110	68	36	130
SEP.												
18...	.00	.05	.00	7.0	17	.00	.2	310	100	76	30	72
OCT.												
08...	.00	.06	.00	--	--	.00	.2	260	81	66	24	60
23...	.00	.05	.00	--	--	--	.1	270	81	65	25	68
NOV.												
14...	.12	.02	.04	--	--	.00	.0	270	69	66	25	66
22...	.06	.05	.02	--	--	--	.0	280	80	70	25	66
DEC.												
04...	.03	.05	.01	--	--	.00	.0	340	94	83	31	88
16...	.15	.11	.05	--	--	--	.2	290	83	73	27	68
JAN., 1975												
08...	.06	.00	.02	3.1	--	.00	.1	320	98	82	27	69
21...	.06	.05	.02	--	--	--	.0	260	68	68	23	63
FEB.												
04...	.06	.07	.02	--	--	.00	.2	280	79	72	25	65
18...	.09	.08	.03	--	--	--	.0	270	75	67	26	70
MAR.												
04...	.03	.23	.01	--	--	.00	.1	270	89	62	28	77
18...	.09	.26	.03	--	--	--	.2	310	110	70	32	82
APR.												
08...	.00	.48	.00	8.0	--	.00	1.3	340	120	76	35	100
23...	.09	.25	.03	--	--	--	.0	320	110	72	33	83
MAY												
06...	.03	.19	.01	--	--	.01	.0	280	100	64	28	75
21...	.06	1.4	.02	--	--	--	.2	180	52	43	17	30
JUNE												
05...	.12	1.7	.04	--	--	.00	.1	160	36	40	15	28
24...	.18	.49	.06	--	--	--	.0	170	42	44	15	21
JULY												
09...	.00	.68	.00	48	--	.00	.0	170	39	43	14	32
14...	.03	1.9	.01	--	--	--	.2	170	26	42	15	36
AUG.												
06...	.06	.47	.02	--	--	.00	.0	260	68	65	24	55
20...	.00	.02	.00	--	--	--	2.0	280	83	62	30	62
SEP.												
10...	.00	.05	.00	--	--	.00	.0	280	84	63	29	74
OCT.												
08...	.00	.04	.00	7.3	--	.00	.2	260	84	64	24	55

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WATER QUALITY DATA

DATE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)
AUG., 1974												
28...	3.2	47	5.0	120	220	.3	11	2	74	<3	<12	130
SEP.												
18...	1.8	33	3.0	39	190	.3	14	2	0	0	--	90
OCT.												
08...	1.6	33	2.0	33	160	.2	14	2	0	--	--	90
23...	1.8	36	2.3	40	170	.2	12	--	--	--	--	--
NOV.												
14...	1.8	35	1.1	34	160	.2	13	1	0	--	--	70
22...	1.7	34	1.8	35	170	.2	12	--	--	--	--	--
DEC.												
04...	2.1	36	2.5	50	200	.3	15	2	<100	<1	<4	70
16...	1.7	33	1.8	41	160	.3	14	--	--	--	--	--
JAN., 1975												
08...	1.7	32	2.1	44	180	.2	17	1	56	<10	<10	60
21...	1.7	34	2.3	37	160	.2	16	--	--	--	--	--
FEB.												
04...	1.7	33	1.8	39	170	.2	16	2	<100	--	--	50
18...	1.8	36	1.8	39	170	.3	14	--	--	--	--	--
MAR.												
04...	2.0	38	2.8	39	180	.2	12	0	100	--	--	70
18...	2.0	37	2.5	43	200	.2	12	--	--	--	--	--
APR.												
08...	2.4	39	2.6	47	260	.0	12	2	<100	<10	--	90
23...	2.0	36	2.5	42	220	.3	12	--	--	--	--	--
MAY												
06...	2.0	37	2.1	42	190	.2	11	1	0	--	--	70
21...	1.0	27	2.0	14	83	.2	11	--	--	--	--	--
JUNE												
05...	1.0	27	1.5	11	66	.2	11	2	0	--	--	40
24...	.7	21	1.3	8.6	75	.2	17	--	--	--	--	--
JULY												
09...	1.1	29	2.0	12	91	.3	13	0	65	0	<2	40
14...	1.2	32	2.1	13	88	.3	14	--	--	--	--	--
AUG.												
06...	1.5	31	2.4	26	150	.3	15	1	<100	--	--	90
20...	1.6	32	2.2	30	180	.3	13	--	--	--	--	--
SEP.												
10...	1.9	37	2.4	37	190	.3	8.4	0	<200	--	--	90
OCT.												
08...	1.5	31	1.7	33	150	.3	11	1	<100	0	<3	70

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DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
AUG., 1974												
28...	0	0	0	1	30	1	20	4	<1	<2	1000	.4
SEP.												
18...	0	0	0	1	40	1	0	3	1	1	1100	.8
OCT.												
08...	0	0	0	0	100	2	0	5	4	--	--	1.4
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	<1	0	0	1	10	0	0	2	16	--	--	2.6
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	1	<10	1	5	60	0	0	3	7	0	1300	1.6
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	0	0	0	0	10	0	10	1	8	0	980	4.8
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	0	20	0	160	10	0	10	0	0	--	--	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	0	0	120	40	1	10	3	1	--	--	1.8
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	0	0	1	120	80	3	0	3	2	0	1000	.3
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	0	0	0	2	40	0	5	4	1	--	--	1.7
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	0	0	0	6	90	0	0	1	2	--	--	.4
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
09...	1	0	1	11	40	4	0	2	6	0	590	2.0
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	1	0	0	3	10	5	0	2	6	--	--	2.2
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	0	0	0	3	0	0	0	2	2	--	--	1.7
OCT.												
08...	0	10	0	2	0	0	10	4	2	0	820	2.0

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WATER QUALITY DATA

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
AUG., 1974												
28...	0	<10	0	<5	<14	60	--	<7	<15	--	--	--
SEP.												
18...	10	--	20	--	--	13	1	--	--	--	4.2	2.7
OCT.												
08...	10	--	0	--	--	0	2	--	--	6.1	.9	.0
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	10	--	10	--	--	0	1	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	<10	<4	0	<2	<4	<10	4	<3	<9	3.9	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	10	<10	0	<5	<10	10	2	<8	<20	9.6	1.6	2.9
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	30	--	30	--	--	10	2	--	--	2.0	.0	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	20	--	40	--	--	20	2	--	--	3.8	4.2	5.6
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	30	--	80	--	--	30	2	--	--	4.3	7.1	.8
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	10	--	30	--	--	20	2	--	--	4.1	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	0	--	80	--	--	0	0	--	--	3.5	7.9	3.1
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
09...	20	<2	30	0	<2	0	0	10	<3	2.8	11	12
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	0	--	20	--	--	0	1	--	--	3.6	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	10	--	30	--	--	10	1	--	--	13	--	--
OCT.												
08...	10	<3	10	<2	<7	10	1	<2	<5	--	8.8	15

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DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)
AUG., 1974												
28...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
SEP.												
18...	1	.0	--	--	--	--	--	--	--	--	--	--
OCT.												
08...	3	--	--	--	--	--	--	--	--	--	--	--
23...	2	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	0	--	--	--	--	--	--	--	--	--	--	--
22...	1	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	1	--	--	--	--	--	--	--	--	--	--	--
16...	2	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
08...	2	--	--	--	--	--	--	--	--	--	--	--
21...	5	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	7	--	--	--	--	--	--	--	--	--	--	--
18...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	7	--	--	--	--	--	--	--	--	--	--	--
18...	7	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	5	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
23...	6	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	4	--	--	--	--	--	--	--	--	--	--	--
21...	7	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	4	--	--	--	--	--	--	--	--	--	--	--
24...	3	--	--	--	--	--	--	--	--	--	--	--
JULY												
09...	14	--	--	--	--	--	--	--	--	--	--	--
14...	8	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	2	--	--	--	--	--	--	--	--	--	--	--
20...	5	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	1	--	--	--	--	--	--	--	--	--	--	--
OCT.												
08...	2	.2	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
AUG., 1974									
28...	.00	.0	.00	.00	.00	717	718	559	.98
SEP.									
18...	--	--	--	--	--	549	554	--	.75
OCT.									
08...	--	--	--	--	--	475	470	598	.65
23...	--	--	--	--	--	503	494	626	.68
NOV.									
14...	--	--	--	--	--	508	490	625	.69
22...	--	--	--	--	--	522	499	550	.71
DEC.									
04...	--	--	--	--	--	623	617	567	.85
16...	--	--	--	--	--	533	513	557	.72
JAN., 1975									
08...	--	--	--	--	--	563	556	546	.77
21...	--	--	--	--	--	499	489	443	.68
FEB.									
04...	--	--	--	--	--	535	514	506	.73
18...	--	--	--	--	--	515	509	556	.70
MAR.									
04...	--	--	--	--	--	527	512	783	.72
18...	--	--	--	--	--	586	563	763	.80
APR.									
08...	.00	.0	.00	.00	.00	674	665	901	.92
23...	--	--	--	--	--	591	587	686	.80
MAY									
06...	--	--	--	--	--	536	517	855	.73
21...	--	--	--	--	--	291	277	2140	.40
JUNE									
05...	--	--	--	--	--	246	250	1590	.33
24...	--	--	--	--	--	245	261	1530	.33
JULY									
09...	--	--	--	--	--	289	285	1690	.39
14...	--	--	--	--	--	319	296	1220	.43
AUG.									
06...	--	--	--	--	--	468	454	627	.64
20...	--	--	--	--	--	490	499	509	.67
SEP.									
10...	--	--	--	--	--	522	520	531	.71
OCT.									
08...	--	--	--	--	--	464	446	512	.63

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
AUG., 1974							
28...	.08	.40	.00	.5	.0	--	--
SEP.							
18...	.01	.04	.00	.0	.4	--	--
OCT.							
08...	.05	--	.03	.1	.0	9.7	5.0
23...	.04	.00	.00	.1	--	--	--
NOV.							
14...	.04	4.9	.00	.1	.0	--	--
22...	.00	.00	.03	.1	--	--	--
DEC.							
04...	.01	.00	.00	.1	<.1	7.4	3.1
16...	.05	.80	.00	.3	--	--	--
JAN., 1975							
08...	.09	1.6	.00	.1	.3	25	8.0
21...	.09	1.2	.03	.1	--	--	--
FEB.							
04...	.14	1.2	.03	.1	.1	<8.1	1.6
18...	.14	.84	.00	.1	--	--	--
MAR.							
04...	.15	1.3	.13	.1	.0	<7.1	3.1
18...	.09	.49	.03	.1	--	--	--
APR.							
08...	.01	.49	.00	.1	.0	9.5	5.3
23...	.03	.04	.00	.1	--	--	--
MAY							
06...	.03	.04	.00	.2	.0	12	3.4
21...	.03	1.4	.00	.1	--	--	--
JUNE							
05...	.08	.84	.10	.0	.2	3.8	2.9
24...	.05	.40	.07	.0	--	--	--
JULY							
09...	.00	.62	.07	.0	.0	<3.8	2.3
14...	.00	.35	.03	.0	--	--	--
AUG.							
06...	.05	.18	.03	.1	.0	6.4	2.8
20...	.00	.04	.00	.1	--	--	--
SEP.							
10...	.00	.04	.00	.1	.0	17	10
OCT.							
08...	.00	.00	.03	.1	.0	--	--

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	TIME	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	TUR-BID-ITY (JTU) (00070)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	DIS-SOLVED OXYGEN (MG/L) (00300)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)
OCT., 1975												
21...	1010	6.9	--	430	10	--	710	--	2	--	--	178
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1530	.5	4.0	299	30	5	750	11.7	11	7.7	7.8	199

PROCESS DATE 02/02/76

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

DISTRICT CODE 49

WATER QUALITY DATA

DATE	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	OIL AND GREASE (MG/L) (00550)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)
OCT., 1975												
21...	217	0	0	--	--	.00	.00	.00	.25	.00	.00	.04
NOV.												
28...	--	--	--	.00	.00	--	--	--	--	--	--	--
DEC.												
01...	243	0	0	--	--	.00	.01	.20	1.1	.21	.06	.03

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)
OCT., 1975												
21...	.00	--	.0	260	84	67	23	52	1.4	30	1.6	32
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.02	.00	.0	280	78	73	23	64	1.7	33	1.7	35

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
OCT., 1975												
21...	140	.2	11	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	160	.3	14	0	100	100	0	<10	0	2	0	1

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
OCT., 1975												
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	.0	.0	--	--
DEC.												
01...	0	3	4	1.5	10	20	10	1	--	--	1.2	.9

09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

WATER QUALITY DATA

DATE	PHENOLS (UG/L) (32730)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DISSOLVED SOLIDS (TONS PER DAY) (70302)	DISSOLVED SOLIDS (TONS PER AC-FT) (70303)	DISSOLVED AMMONIA (NH4) (MG/L) (71846)	DISSOLVED NITRATE (NO3) (MG/L) (71851)	DISSOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DISSOLVED MERCURY (HG) (UG/L) (71890)
OCT., 1975										
21...	3	459	434	533	.62	.00	.00	.00	.0	--
NOV.										
28...	--	--	--	--	--	--	--	--	--	--
DEC.										
01...	1	504	492	407	.69	.00	.89	.03	.1	.2

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	TIME	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	TUR-BID-ITY (JTU) (00070)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)
AUG., 1975											
14...	1400	E.10	2300	189	230	.00	.06	3.4	4.4	3.5	.34

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
AUG., 1975											
14...	5.9	.11	.2	68	0	19	4.9	84	4.4	71	5.5

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
AUG., 1975										
14...	12	34	.5	14	37	280	45	240	340	120

PROCESS DATE 02/02/76
09306625 - ASPHALT WASH AT MOUTH NR WATSON UT
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
AUG., 1975										
14...	90	40	1	351	305	.48	.00	15	.20	.0

PROCESS DATE 02/02/76

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
AUG., 1974												
28...	1430	--	750594	19.0	--	288	--	--	4	1650	8.2	9
SEP.												
18...	1430	--	--	19.0	--	424	--	--	7	925	--	16
OCT.												
08...	1200	--	751155	11.5	--	464	--	--	20	650	--	4
23...	1648	--	--	--	--	463	--	--	--	831	--	16
NOV.												
13...	1350	--	--	14.4	--	415	--	--	7	730	--	10
22...	1500	--	--	4.0	--	382	--	9	--	742	--	10
DEC.												
03...	1210	--	751846	.0	--	273	--	40	3	920	--	15
17...	1230	--	--	.4	--	350	--	20	--	880	--	4
JAN., 1975												
07...	1230	--	752267	.5	--	296	--	8	8	900	10.4	10
20...	1035	--	--	.4	--	495	--	10	--	800	--	2
FEB.												
03...	1230	--	--	.0	-3.0	400	--	10	0	825	10.2	4
16...	1125	--	--	.1	--	400	--	20	--	824	--	9
MAR.												
03...	1230	--	--	1.0	12.0	550	--	400	10	820	9.6	16
18...	1015	4.2	--	1.7	--	505	--	400	--	962	--	33
APR.												
04...	1130	--	--	5.5	17.0	376	--	110	2	910	9.7	31
23...	1220	--	--	12.7	--	435	4.15	39	--	900	7.9	13
MAY												
15...	1700	--	--	18.0	--	915	--	760	15	640	6.8	23
21...	1015	--	--	10.1	--	2675	--	110	--	425	3.8	8
JUNE												
04...	1200	--	--	16.2	21.7	2290	--	510	10	400	7.7	24
24...	1317	--	--	14.4	--	2177	--	180	--	382	--	28
JULY												
08...	1200	--	--	20.0	--	2262	--	320	30	320	7.8	40
AUG.												
07...	1500	--	760226	21.0	--	486	--	56	15	710	7.2	12
22...	1150	--	--	--	--	--	--	38	--	--	--	13
SEP.												
09...	1200	--	--	20.5	28.0	314	--	8	1	775	7.0	8
OCT.												
09...	1500	--	--	9.3	--	437	--	20	7	750	9.4	15
21...	1130	--	--	6.9	--	430	--	10	--	704	--	2

PROCESS DATE 02/02/76
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
AUG., 1974												
28...	8.2	2.5	205	250	0	--	--	.13	.00	.03	.45	.03
SEP.												
18...	8.4	1.7	217	265	0	--	0	.01	.00	.00	.90	.00
OCT.												
08...	7.9	4.7	189	231	0	510	0	.02	.01	--	.31	.00
23...	--	--	186	227	0	--	2	.03	.01	.00	.37	.01
NOV.												
13...	8.6	1.0	199	233	5	--	2	.08	.00	.01	.06	.01
22...	--	--	196	239	0	--	1	.01	.00	.03	.04	.03
DEC.												
03...	8.4	1.8	230	280	0	630	1	.03	.01	.01	.07	.02
17...	--	--	212	258	0	--	3	.04	.00	.20	.25	.20
JAN., 1975												
07...	7.8	7.0	227	277	0	610	6	.09	.01	.34	.43	.35
20...	--	--	194	237	0	--	5	.07	.00	.29	.34	.29
FEB.												
03...	8.4	1.6	203	248	0	570	3	.11	.01	.28	.40	.29
16...	--	--	201	245	0	--	6	.10	.00	.20	.36	.20
MAR.												
03...	--	--	183	223	0	570	7	.15	.02	.52	.59	.54
18...	--	--	200	244	0	--	3	.06	.00	.13	.54	.13
APR.												
04...	8.3	2.0	209	255	0	650	2	.02	.00	.08	.38	.08
23...	--	--	208	253	0	--	1	.00	.00	.00	.39	.00
MAY												
15...	7.6	8.2	167	204	0	450	1	.00	.00	.09	.45	.09
21...	--	--	133	162	0	--	1	.03	.01	.38	2.5	.39
JUNE												
04...	8.0	2.5	129	157	0	270	1	.01	.01	.18	1.2	.19
24...	--	--	123	150	--	--	5	.03	.03	.09	.72	.12
JULY												
08...	7.7	4.0	103	125	0	--	2	.00	.00	.09	1.6	.10
AUG.												
07...	8.3	1.9	191	233	0	--	0	.00	.01	.01	.47	.02
22...	--	--	197	240	--	--	1	.00	.01	.03	.25	.04
SEP.												
09...	8.5	1.1	176	211	2	540	2	.00	.00	.00	.30	.00
OCT.												
09...	8.1	2.7	176	215	0	--	0	.00	.00	.00	.28	.00
21...	--	--	178	217	0	--	0	.01	.00	.05	.24	.05

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
AUG., 1974												
28...	.03	.05	.01	--	--	--	.0	320	120	70	36	180
SEP.												
18...	.00	.19	.00	7.7	33	.00	.1	320	100	76	31	74
OCT.												
08...	.00	.07	.00	--	--	.00	.2	280	88	70	25	54
23...	.03	.08	.01	--	--	--	.1	250	65	61	24	73
NOV.												
13...	.06	.03	.02	--	--	.00	.0	270	68	66	25	67
22...	.03	.06	.01	--	--	--	.0	290	90	75	24	64
DEC.												
03...	.06	.06	.02	--	--	.00	.0	330	95	79	31	83
17...	.09	.06	.03	--	--	--	.2	300	87	75	27	70
JAN., 1975												
07...	.06	.00	.02	6.5	--	.00	.1	320	97	83	28	74
20...	.06	.04	.02	--	--	--	.2	280	83	70	25	61
FEB.												
03...	.06	.05	.02	--	--	.00	.1	300	95	75	27	71
16...	.09	.06	.03	--	--	--	.0	280	83	69	27	71
MAR.												
03...	.03	.13	.01	--	--	.00	.0	290	100	69	28	85
18...	.09	.20	.03	--	--	--	.0	310	110	71	33	84
APR.												
04...	.00	.11	.00	4.5	--	.00	1.3	320	110	76	32	90
23...	.12	.15	.04	--	--	--	.1	320	110	73	34	85
MAY												
15...	.03	.05	.01	--	--	.01	.1	230	64	58	21	50
21...	.03	.06	.01	--	--	--	.0	170	38	42	16	32
JUNE												
04...	.12	.61	.04	--	--	.00	.2	160	31	41	14	25
24...	.03	.29	.01	--	--	--	.0	180	58	46	16	27
JULY												
08...	.00	.34	.00	8.8	--	.00	.0	140	33	36	11	22
AUG.												
07...	.03	.36	.01	--	--	.00	.1	270	77	66	25	55
22...	.00	.03	.00	--	--	--	.1	290	94	67	30	67
SEP.												
09...	.00	.04	.00	--	--	.00	.2	270	91	61	28	69
OCT.												
09...	.00	.07	.00	6.0	--	.00	.2	250	77	63	23	57
21...	.00	.08	.00	--	--	--	.0	260	84	67	23	56

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WATER QUALITY DATA

DATE	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)
AUG., 1974												
28...	4.4	54	6.1	230	210	.3	11	0	0	<4	<15	190
SEP.												
18...	1.8	33	3.1	42	200	.3	14	2	0	0	--	100
OCT.												
08...	1.4	30	1.9	34	160	.2	13	2	0	--	--	90
23...	2.0	38	2.4	50	170	.2	12	--	--	--	--	--
NOV.												
13...	1.8	35	1.1	34	160	.3	13	1	0	--	--	90
22...	1.6	33	1.8	36	160	.2	12	--	--	--	--	--
DEC.												
03...	2.0	36	2.3	45	190	.3	14	2	<100	--	--	70
17...	1.8	34	1.8	41	170	.3	15	--	--	--	--	--
JAN., 1975												
07...	1.8	33	2.1	47	190	.2	17	0	59	<10	<11	60
20...	1.6	32	2.1	37	170	.2	16	--	--	--	--	--
FEB.												
03...	1.8	34	2.1	42	200	.2	16	3	<100	--	--	90
16...	1.8	35	1.8	39	170	.3	15	--	--	--	--	--
MAR.												
03...	2.2	39	2.6	58	190	.3	13	0	<100	--	--	70
18...	2.1	37	2.5	42	220	.1	12	--	--	--	--	--
APR.												
04...	2.2	38	3.2	44	220	.1	13	1	<100	<10	--	80
23...	2.1	36	2.1	43	220	.3	12	--	--	--	--	--
MAY												
15...	1.4	32	2.1	24	130	.2	13	2	0	--	--	60
21...	1.1	29	2.0	12	95	.2	11	--	--	--	--	--
JUNE												
04...	.9	25	1.4	11	68	.2	11	0	0	--	--	20
24...	.9	24	1.3	9.5	100	.2	15	--	--	--	--	--
JULY												
08...	.8	26	1.4	9.3	63	.2	12	2	0	0	--	50
AUG.												
07...	1.5	31	2.3	27	150	.3	14	2	140	<1	<6	80
22...	1.7	33	2.2	31	180	.3	12	--	--	--	--	--
SEP.												
09...	1.8	36	2.2	37	170	.3	8.8	1	<200	--	--	70
OCT.												
09...	1.6	33	1.6	33	150	.3	10	1	<100	0	<3	70
21...	1.5	32	1.6	32	160	.2	11	--	--	--	--	--

WATER QUALITY DATA

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
AUG., 1974												
28...	0	0	0	4	20	0	0	4	<1	<2	1300	.6
SEP.												
18...	0	0	0	2	20	2	0	3	1	0	1100	.5
OCT.												
08...	1	0	0	1	100	7	0	3	4	--	--	1.8
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	0	0	0	3	20	0	0	4	16	--	--	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	0	<10	1	7	140	1	0	3	13	--	--	2.2
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	0	0	0	1	20	0	10	1	8	0	1000	1.5
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	0	10	0	4	10	1	10	2	2	--	--	.0
16...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	0	0	0	340	20	1	0	3	0	--	--	2.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	0	0	0	110	10	2	0	2	3	0	1000	1.1
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	0	0	0	2	50	1	10	3	1	--	--	.3
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	0	0	4	70	0	0	2	3	--	--	.0
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
08...	0	0	1	13	40	1	0	1	6	0	60	1.4
AUG.												
07...	0	8	<2	6	3500	5	0	2	4	0	670	2.4
22...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	0	0	0	1	10	0	0	2	4	--	--	1.8
OCT.												
09...	1	10	0	3	0	0	10	3	0	0	780	2.1
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
AUG., 1974												
28...	10	<12	10	<6	<17	110	--	<8	<18	--	--	--
SEP.												
18...	10	--	20	--	--	13	2	--	--	--	4.9	2.5
OCT.												
08...	30	--	10	--	--	0	1	--	--	2.8	1.5	.1
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	130	--	30	--	--	0	1	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	10	--	10	--	--	<10	1	--	--	3.0	.0	.0
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	30	<11	0	<5	<11	10	2	<8	<20	4.3	2.2	2.1
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	20	--	60	--	--	10	1	--	--	2.5	6.0	8.4
16...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	30	--	<10	--	--	30	2	--	--	5.3	1.4	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	20	--	40	--	--	20	2	--	--	8.4	1.3	.5
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	6	--	30	--	--	10	1	--	--	3.9	2.1	.2
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	--	50	--	--	0	1	--	--	3.8	13	7.6
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
08...	0	--	30	--	--	0	0	--	--	--	6.4	9.9
AUG.												
07...	0	<6	30	<2	<4	10	1	--	--	--	2.1	3.3
22...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	20	--	10	--	--	10	1	--	--	5.7	.8	.4
OCT.												
09...	10	<3	0	<2	<7	10	1	<2	<5	--	1.6	1.8
21...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)
AUG., 1974												
28...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
SEP.												
18...	1	.0	--	--	--	--	--	--	--	--	--	--
OCT.												
08...	0	--	--	--	--	--	--	--	--	--	--	--
23...	3	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	2	--	--	--	--	--	--	--	--	--	--	--
22...	0	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	2	--	--	--	--	--	--	--	--	--	--	--
17...	3	--	--	--	--	--	--	--	--	--	--	--
JAN., 1975												
07...	14	--	--	--	--	--	--	--	--	--	--	--
20...	5	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	5	--	--	--	--	--	--	--	--	--	--	--
16...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	5	--	--	--	--	--	--	--	--	--	--	--
18...	8	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	2	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
23...	3	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	3	--	--	--	--	--	--	--	--	--	--	--
21...	5	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	5	--	--	--	--	--	--	--	--	--	--	--
24...	2	--	--	--	--	--	--	--	--	--	--	--
JULY												
08...	4	--	--	--	--	--	--	--	--	--	--	--
AUG.												
07...	7	--	--	--	--	--	--	--	--	--	--	--
22...	5	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	1	--	--	--	--	--	--	--	--	--	--	--
OCT.												
09...	0	.0	--	--	--	--	--	--	--	--	--	--
21...	4	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
AUG., 1974									
28...	.00	.0	.00	.00	.00	892	868	694	1.21
SEP.									
18...	--	--	--	--	--	596	572	--	.81
OCT.									
08...	--	--	--	--	--	465	473	583	.63
23...	--	--	--	--	--	525	505	656	.71
NOV.									
13...	--	--	--	--	--	509	487	570	.69
22...	--	--	--	--	--	464	491	479	.63
DEC.									
03...	--	--	--	--	--	606	583	447	.82
17...	--	--	--	--	--	530	529	501	.72
JAN., 1975									
07...	--	--	--	--	--	586	581	468	.80
20...	--	--	--	--	--	502	500	671	.68
FEB.									
03...	--	--	--	--	--	620	558	670	.84
16...	--	--	--	--	--	527	515	569	.72
MAR.									
03...	--	--	--	--	--	582	559	864	.79
18...	--	--	--	--	--	644	586	878	.88
APR.									
04...	.00	.0	.00	.00	.00	615	607	624	.84
23...	--	--	--	--	--	598	594	702	.81
MAY									
15...	--	--	--	--	--	408	400	1010	.55
21...	--	--	--	--	--	293	292	2120	.40
JUNE									
04...	--	--	--	--	--	256	250	1580	.35
24...	--	--	--	--	--	308	290	1810	.42
JULY									
08...	--	--	--	--	--	223	217	1360	.30
AUG.									
07...	--	--	--	--	--	467	459	613	.64
22...	--	--	--	--	--	508	508	--	.69
SEP.									
09...	--	--	--	--	--	508	483	431	.69
OCT.									
09...	--	--	--	--	--	467	445	551	.64
21...	--	--	--	--	--	467	458	542	.64

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DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
AUG., 1974							
28...	.17	.13	.00	.9	.0	--	--
SEP.							
18...	.01	.00	.00	.1	.3	--	--
OCT.							
08...	.03	--	.03	.7	.0	<6.9	2.3
23...	.04	.00	.03	.1	--	--	--
NOV.							
13...	.10	.04	.00	.1	.0	--	--
22...	.01	.13	.00	.1	--	--	--
DEC.							
03...	.04	.04	.03	.1	<.1	<6.8	2.4
17...	.05	.89	.00	.1	--	--	--
JAN., 1975							
07...	.12	1.5	.03	.1	.2	12	3.6
20...	.09	1.3	.00	.0	--	--	--
FEB.							
03...	.14	1.2	.03	.1	.0	<8.5	2.1
16...	.13	.89	.00	.1	--	--	--
MAR.							
03...	.19	2.3	.07	.2	.0	<7.6	4.2
18...	.08	.58	.00	.1	--	--	--
APR.							
04...	.03	.35	.00	.1	.0	31	7.2
23...	.00	.00	.00	.1	--	--	--
MAY							
15...	.00	.40	.00	.1	.0	9.0	3.4
21...	.04	1.7	.03	.0	--	--	--
JUNE							
04...	.01	.80	.03	.0	.0	3.8	3.2
24...	.04	.40	.10	.0	--	--	--
JULY							
08...	.00	.40	.03	.0	.0	--	--
AUG.							
07...	.00	.04	.03	.1	.0	--	--
22...	.00	.13	.03	.1	--	--	--
SEP.							
09...	.00	.00	.00	.1	.0	7.4	4.7
OCT.							
09...	.00	.00	.00	.1	.0	--	--
21...	.01	.22	.00	.0	--	--	--

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WATER QUALITY DATA

DATE	TIME	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
NOV., 1975												
03...	1230	6.1	--	500	150	200	750	9.2	15	8.4	1.5	196
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	1300	.5	5.0	331	30	5	725	11.9	13	7.8	6.0	193
JAN., 1976												
07...	1105	.5	--	--	15	5	825	11.3	1	8.0	4.2	216

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WATER QUALITY DATA

DATE	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)
NOV., 1975												
03...	239	0	520	0	--	--	.03	.01	.02	1.1	.03	.00
28...	--	--	--	--	24	24	--	--	--	--	--	--
DEC.												
02...	235	0	--	0	--	--	.04	.01	.14	.48	.15	.03
JAN., 1976												
07...	263	0	--	0	--	--	.05	.00	.27	.49	.27	.09

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09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL INORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DISSOLVED SULFIDE (S) (MG/L) (00746)	HARDNESS (CA,MG) (MG/L) (00900)	NONCARBONATE HARDNESS (MG/L) (00902)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (C0930)	SODIUM ADSORPTION RATIO (00931)
NOV., 1975												
03...	.10	.00	--	--	.00	.1	280	79	69	25	66	1.7
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	.00	.01	--	--	.00	.0	270	81	70	24	66	1.7
JAN., 1976												
07...	.03	.03	2.8	57	.00	.1	310	95	81	26	62	1.5

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
NOV., 1975												
03...	34	2.0	35	180	.3	12	1	0	--	80	0	0
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	34	1.7	34	160	.2	14	1	100	--	70	0	<10
JAN., 1976												
07...	30	2.3	43	180	.3	15	0	300	0	80	0	0

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)
NOV., 1975												
03...	0	13	30	0	4	2	4	--	--	2.6	10	20
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	1	2	0	0	0	3	3	--	--	1.4	10	30
JAN., 1976												
07...	0	2	30	1	10	5	2	0	1000	1.5	10	10

PROCESS DATE 02/02/76
DISTRICT CODE 49

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
NOV., 1975												
03...	8	1	2.9	--	--	5.1	2.1	2	509	508	687	.69
28...	--	--	--	.0	.7	--	--	--	--	--	--	--
DEC.												
02...	8	1	--	--	--	.5	.0	0	498	487	445	.68
JAN., 1976												
07...	10	1	--	--	--	2.5	.0	2	559	542	--	.76

09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

WATER QUALITY DATA

DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1975							
03...	.04	.09	.03	.1	.0	<5.6	2.3
28...	--	--	--	--	--	--	--
DEC.							
02...	.05	.62	.03	.1	.0	--	--
JAN., 1976							
07...	.06	1.2	.00	.1	.1	--	--

A. SURFACE HYDROLOGY

2. EVAPORATION AND PRECIPITATION DATA OCT 1975-MARCH 1976

STATION ARP-1 DRILL SITE

SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1				.10								
2					.10							
3						.5						
4						.3						
5												
6				.10								
7												
8	.10											
9												
10	.10	.10										
11						.10						
12						.10						
13												
14			.30									
15												
16		.10										
17												
18					.10							
19												
20					.20							
21												
22												
23	.20											
24	.30											
25	.10											
26												
27												
28												
	.10	.20										
30												
31	.60											
Tot.	1.50	.40	.30	.20	.40	1.00						

STATION ARA-2 SOUTHAM CYN RIDGE WEST SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3						.60						
4						.30						
5												
6					.20							
7												
8	.10											
9												
10												
11						.20						
12												
13												
14												
15												
16												
17												
18												
19												
20		.10			.20							
21												
22												
23	.50											
24	.20					.10						
25												
26												
27												
28												
[illegible]		.20										
30												
31	.80											
Tot.	1.60	.30			.40	1.20						

STATION 5-4 Automatic

SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2	Activated 2-2-76											
3						0.6						
4						0.3						
5												
6					0.1							
7												
8												
9												
10												
11						0.1						
12												
13												
14												
15												
16												
17					0							
18												
19												
20					0.2							
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Tot.					0.3	1.0						

STATION AR-8 @ A8 Air Station SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	Activated 2-1-76					0.2						
2						0.1						
3						0.1						
4						0.1						
5						0.1						
6					0.1							
7												
8												
9					0.1							
10												
11						0.1						
12												
13												
14												
15												
16												
17												
18												
19					0.2							
20												
21												
22												
23												
24												
25						0.1						
26												
27												
28												
29												
30												
31												
Tot.					0.4	0.7						

STATION 5-9 Automatic

SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3						0.6						
4						0.3						
5						0.1						
6												
7												
8												
9												
10												
11						0.2						
12												
13												
14												
15												
16												
17	Installed 2-17-76											
18												
19												
20					0.3							
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Tot.					0.3	1 2						

STATION 5-12 Automatic

SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1						0.2						
2						0.3						
3				Cannot run Tapes 1-13-76 to 1-31-76 & 2-3-76 to 2-11-76 Recorder not operating		0.4						
4												
5												
6					0.1							
7												
8												
9												
10												
11						0.2						
12												
13												
14												
15												
16												
17					0.1							
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Tot.					0.2	1.1						

STATION SRS-1 WHITE RIVER AT HELL'S HOLE CYN SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6					.10							
7												
8	.09											
9												
10												
11												
12												
13	.02											
14												
15												
16												
17												
18												
19		.04										
20												
21												
22												
23	.54											
24												
25												
26												
27	.11											
28												
29		.28				.41						
30												
31	.61											
Tot.	1.37	.31	.84		.10							

STATION SRS-3 W.R. NEAR WATSON

SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6												
7												
8	.14											
9												
10												
11		.01	DISCONTINUED									
12												
13	.03											
14												
15												
16												
17												
18												
19												
20		.04										
21												
22												
23	.41											
24												
25												
26												
27	.09											
28												
29		.30										
30												
31	.66											
Tot.	1.33	.35	.76									

STATION SR 5-9 UPPER SOUTHAM CYN

SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							.04					
3						.67						
4												
5												
6												
7												
8	.17											
9												
10												
11		.01										
12												
13	.04					.60						
14												
5												
16												
17					.04							
18												
19		.04										
20					.31							
21												
22												
23	.66											
24												
25		.11										
26												
27	.15											
28												
[illegible]		.25										
30												
31	.69											
Tot.	1.71	.41	1.18		.35	1.27						

STATION S-11 Standard

SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept
1												
2							.02					
3												
4												
5												
6					.10							
7												
8												
9						1.08						
10												
11												
12												
13												
14						.16						
15												
16												
17					.05							
18												
19												
20					.24							
21												
22												
23												
24												
25												
26												
27												
28												
[illegible]												
30												
31												
Tot.					0.39	1.24						

STATION [illegible]-12 ASPHALT WASH NEAR MOUTH SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							.07					
3												
4												
5												
6					.11							
7												
8	.13											
9						1.02						
10												
11												
12												
13	.03											
14						.23						
15												
16												
17					.07							
18												
19		.04										
20												
21												
22												
23	.55											
24												
25		.12										
26												
27	.05											
28												
29		.19										
30												
31	.63											
Tot.	1.39	.35	1.02		.18	1.25						

1.60

STATION SRS-13 LOWER SOUTHAM; AT MOUTH SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							.03					
3						.60						
4												
5												
6												
7												
8	.13											
9												
10												
11												
12												
13	.03					.58						
14												
5												
16												
17					.07							
18												
19		.06										
20					.22							
21												
22												
23	.58											
24												
25		.09										
26												
27	.07											
28												
		.22										
30												
31	.66											
Tot.	1.47	.37	.88		.29	1.18						

STATION *P-1 Standard* SEASON TOTAL *75-76*

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							0.05					
3						0.43						
4												
5												
6					.07							
7												
8												
9												
10												
11												
12												
13						0.43						
14												
15												
16												
17					.09							
18												
19												
20					.20							
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Tot.					0.36							

STATION A-7 Standard

SEASON TOTAL 75-76

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							0.07					
3						0.57						
4												
5												
6					0.10							
7												
8												
9												
10												
11												
12												
13												
14						0.50						
15												
16												
17					0.06							
18												
19												
20					0.19							
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Tot.					0.35	1.07						

STATION AR-8 @ [illegible] Air Station SEASON TOTAL 75-76 .

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2						0.26						
3												
4												
5												
6												
7					0.07							
8						0.39						
9												
10												
11												
12						0.20						
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					0.36							
24												
25												
26												
27												
28												
29						0.25						
30												
31												
Tot.												

STATION Retort Site NEAR 09306600 (S-4) SEASON TOTAL 74-75

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept
1												
2							.05					
3						.65						
4												
5												
6												
7												
8	.16											
9												
10												
11												
12												
13	.04					.61						
14												
15												
16												
17					.02							
18												
19		.04										
20					.17							
21												
22												
23	.60											
24												
25												
26												
27	.16											
28												
29		.29										
30												
31	.62											
Tot.	1.58	.33			.19	1.26						

B. GROUND WATER

1. GROUND WATER QUALITY DATA

March 3 1849

United States Department of the Interior

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
8002 Federal Building
Salt Lake City, Utah 84138

Dec. 19, 1975

Mr. John Hinton
VTN
2600 South Parker Road
Parker Place 4
Denver, Colorado 80232

Subject: Minerology of streambed samples from Utah oil shale tracts.

Dear Mr. Hinton:

Enclosed is a copy of partial results of work being performed for us by the Hydrologic Lab in Denver. We are still waiting on lithologic descriptions of the larger size particles. I will send you a copy when those results are received. Please note that this data has not been published and is sent for your information only.

Sincerely,

Dan Finn

Dan Finn
Hydrologist
For the District Chief

Enclosure

OPTIONAL FORM NO. 10
JULY 1973 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

NOV 24 1975
SALT LAKE CITY, UTAH
WATER RESOURCES DIVISION

TO : D. W. Finn, WRD
Salt Lake City, Utah

DATE: November 21, 1975

FROM : B. J. Anderson, WRD
Hydrologic Laboratory

SUBJECT: PROGRAMS AND PLANS--Mineralogy of samples 75UT21-53; 76UT4-9; and 76UT10-21

The mineralogy of these bulk samples is given in the attached tables. The procedure used is similar to that used by L. Schultz (U.S.G.S. Prof. Paper 391-C). Another publication of possible relevance is U.S.G.S. Prof. Paper 803 by Brobst and Tucker on the mineralogy of the Parachute Creek member of the Green River Formation. They record all of their X-ray data in terms of peak heights because of the difficulty in obtaining reasonable percentage values. Schultz considers totals of percentages between 90 and 105 to be acceptable and most of these samples fall within this range. The low totals for 76UT4 and 5 are due to the presence of amorphous material (presumably organic). The background on the X-ray patterns of these samples is definitely higher than that of the other samples. I have no explanation for other samples which give low totals. Some of these will be run again.

Percentages for potassium feldspar and for dolomite could not always be determined because of interference from peaks of plagioclase feldspar. I have not attempted to identify the type of potassium feldspar or the particular plagioclase present. Generally, such an X-ray determination requires a fairly pure sample. This determination would be easier to do using the petrographic microscope. The plagioclase is a predominantly sodic type.

Clay mineralogy has been attempted on some of the samples and additional work will be done on this. The clay minerals present consist primarily of mixed layer types with admixed chlorite and illite. There are interlayers present in some of these clays which prevent normal behavior on treatment with ethylene glycol or with heating. Some of these interlayers can be removed by dispersion and sodium saturation.

The most important addition to the sampling program would be to take suspended sediment samples from the White River and any other flowing stream in the area several times a year. Samples taken immediately after a rain storm would be the most useful but would be difficult to obtain. For the X-ray analysis I need at least five grams of sample. Additional sampling sites for stream bed samples might include another one or two in Southam Canyon within the lease tracts and similarly along Evacuation Creek in Sections 24 or 25, T. 10S., R. 24E. I am not sure of the advisability of bedrock samples. They would be

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of use only if they could be correlated to definite units that were representative of large areas. The sort of information I would need would only be given in a detailed geologic report such as a thesis. I have not had time yet to check the library here for such information.

Thank you for sending the maps I requested.

B. J. Anderson
Geologist

Attachments

cc: District Chief

- Person requesting analyses: Dan Finn
City & Sta[illegible]: Salt Lake City, UT
Proj. name & no.: Oil Shale Project #4649113
County:
Date samples received in lab: September 16, 1975
Latest date results needed: December 1975

[illegible]AMPLE-ANALYSIS REQUEST

HYDROLOGIC LABORATORY

WRD, U.S. GEOLOGICAL SURVEY

AND SUPPLEMENTARY DATA REQUIR
BY LAB[illegible]ATORY

Laboratory sample no. (Lab use)	Sample type 1/	Depth, ft.		Field number (if any)	Location (include well or station 15-digit site identifier based on lat.-long. number)	Geohydrologic unit 2/ & field description of sample material	Correlative information available 3/	HYDRAULIC CONDUCTIVITY(K)				OTHER ANALYSES 8/
		From	To					4/ Flow Direction	5/ Formation Water	6/ Water Table	7/ Potentiometric Surface	
76UT10	SC			1	09306400 7-10-75	Bed Material						<2mm dia. Xb + Xc >2mm dia. L
11	SC			2	09306405 7-10-75							
12				3	09306410 7-11-75							
13				4	09306415 7-11-75							
14				5	09306430 7-7-75							
15				6	09306500 7-9-75							
16				7	09306600 7-9-75							
17				8	09306605 7-10-75							
18				9	09306610 7-10-75							
19				10	09306620 7-10-75							

Person requesting analyses: Dan Finn
City & Sta Salt Lake City, UT
Proj. name & no.: Oil Shale Project #4649113
County:
Date samples received in lab:
Latest date results needed: December 1975

AMPLE-ANALYSIS REQUEST

HYDROLOGIC LABORATORY

WRD, U.S. GEOLOGICAL SURVEY

AND SUPPLEMENTAR DATA REQUIRE
BY LABO TORY

Laboratory sample no. (Lab use)	Sample type 1/	Depth, ft.		Field number (if any)	Location (include well or station 15-digit site identifier based on lat.-long. number)	Geohydrologic unit 2/ & field description of sample material	Correlative information available 3/	HYDRAULIC CONDUCTIVITY(K)				OTHER ANALYSES 8/
		From	To					4/ Flow Direction	5/ Formation Water	6/ Water Table	7/ Potentiometric Surface	
76UT20	Sc			11	7-8-75 09306625	Stream Bed Material						<2mm dia, Xb + Xc >2mm dia.
21	"			12	7-8-75 09306700	"						"

ing Analyses: Dan Finn
ate: 4 30-75
eturn Report to: USGS, WRD, 125 S. State Rm 8002, SLC, UT 84138
atest Date esults needed: 6-30-75

Water Resourses Div. Ground Water Branch
HYDROLOGI LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use) ______

Project name and No. Oil Sha Proj ~~4149-115-00~~ 4649-00100
Sample No's: (Lab.use) ______
Page 1 of 3 pages

abora-tory ample No. Lab.use)	Sample type 1/	Depth, ft. ~~From~~ # of cartons	To	Field No. (if any)	Location SW Site #	Date	Geologic Unit and Description of Sample Material	Perme-ability	Specific Yield 2/	MA Complete 2/	MA Sieve	Other 3/
75UT21	SC	1		1	09306400	11-13-74	Stream Bed Sample					< 2mm dia. – Mineral Id by X-ray diff. + clay Mineral Id, > 2mm dia. – Lithologic Description
22		2		2	09306400	1-7-75						
23		2		3	09306405	11-13-74						
24		2		4	09306405	1-7-75						
25		1		5	09306415	11-14-74						
26		1		6	09306417	1-21-75						
27		2		7	09306420	11-14-74						
28		1		8	09306420	1-8-75						
29		2		9	09306425	11-14-74						
30		1		10	09306425	1-8-75						
31		2		11	09306430	11-12-74						
32		2		12	09306430	1-9-75						
33		1		13	09306500	11-12-74						

/ Sample type: Cyl = Sample cylinder; SB = Sample bag; SC = Sample can; C = Core; CH = Chunks.
/ Sp. yield includes sp. retention and porosity; MA complete includes hydrometer and sieve anal.
/ Other analyses: MC = Moisture content; P = Porosity; AL = Atterberg limits; LL = Liquid limits; PL = Plastic limit; SL = Shrinkage limit; SG = Specific gravity; SMT = Soil moisture tension; pH; GC = Gypsum content; CC = Carbonate content; CA = Capillarity; AS = Acid solubility; SC = Soil conductivity; HM = Heavy mineral; FF = Formation factor.

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GPO 855000

Person requesting analyses: Dan Finn
City & Sta[illegible] Salt Lake City, UT
Proj. name & no.: Oil Shale 464911300
County:
Date samples received in lab: 8/18/75
Latest date results needed: Sept. 15, 1975

SAMPLE-ANALYSIS REQUEST

HYDROLOGIC LABORATORY

WRD, U.S. GEOLOGICAL SURVEY

ANALYSES DESIRED
AND SUPPLEMENTA[illegible] DATA REQUIRED
BY LAB[illegible]ATORY

Laboratory sample no. (Lab use)	Sample type 1/	Depth, ft.		Field number (if any)	Location (include well or station 15-digit site identifier based on lat.-long. number)	Geohydrologic unit 2/ & field description of sample material	Correlative information available 3/	HYDRAULIC CONDUCTIVITY(K)				OTHER ANALYSES 8/
		From	To					Flow Direction 4/	Formation Water 5/	Water Table 6/	Potentiometric Surface 7/	
76UT4	SB			1	Raw Oil Shale TOSCO 8-6-75							Xc
5	SB			2	Raw Oil Shale TOSCO 8-6-75							Xc
6	SB			3	Spent Oil Shale TOSCO 8-6-75							Xc
7	SB			4	Spent Oil Shale (leached) TOSCO 8-6-75							Xc
8	SB			5	Spent Oil Shale Paraho							Xc
9	SB			6	Stream Bottom 09306700 7-8-75							Xc

20FB75

Page 1 of 1 pages

rson Request-
ing Analyses: Dan Finn
ite: 4-30-75
eturn Report USGS, WRD, 125 S. State,
o: Rm 8002, SLC, UT 84138
atest Date
esults needed: 6-30-75

Water Resourses Div. Ground Water Branch
HYDROLOGIC LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use) ____

Project name and No.: Oil Shale Proj. ~~4649-11300~~ 4649-00100
Sample No's: (Lab.use)
Page 3 of 3 pages

bora-tory mple No. ab.use)	Sample type 1/	Depth, ft.		Field No. (if any)	Location Date	Geologic Unit and Description of Sample Material	Analyses Desired				
		~~From~~ # of Cartons	To				Permea-bility	Specific Yield 2/	MA Complete 2/	MA Sieve	Other 3/
5UT47	SC	1		27	(D-10-25) 7c 1-14-75	Stream Bed Sample					
48	SC	1		28	(D-10-25) 7b 1-14-75						<2mm dia. - Mineral Id. by X-ray + Clay Mineral Id. >2mm dia. - Lithologic Description
49	SC	1		29	(D-10-24) 11a 1-14-75						
50	SC	1		30	(D-10-24) 14ab 1-14-75						
51	SC	1		31	(D-10-24) 14bb 1-14-75						
52	SC	1		32	(D-10-24) 15b 1-8-75						
53	SC	1		33	(D-10-24) 18d 1-14-75						
					Above seven samples are from						
					tributary channels to White River						

1/ Sample type: Cyl = Sample cylinder; SB = Sample bag; SC = Sample can; C = Core; CH = Chunks.
2/ Sp. yield includes sp. retention and porosity; MA complete includes hydrometer and sieve anal.
3/ Other analyses: MC = Moisture content; P = Porosity; AL = Atterberg limits; LL = Liquid limits; PL = Plastic limit; SL = Shrinkage limit; SG = Specific gravity; SMT = Soil moisture tension; pH; GC = Gypsum content; CC = Carbonate content; CA = Capillarity; AS = Acid solubility; SC = Soil conductivity; HM = Heavy mineral; FF = Formation factor.

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erson Request-
ing Analyses: Dan Finn
Date: 4-30-75
Return Report to: USGS, WRD, 125 S. State, Rm 8002, SLC, UT 84138
Latest Date results needed: 6-30-75

Water Resourses Div. Ground Water Branch
HYDROLO[illegible] LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use) ______

Project name and No. Oil Shal[illegible] Proj.
~~[illegible]~~
4649-00100
Sample No's: (Lab.use) ______
Page 2 of 3 pages

Laboratory Sample No. (Lab.use)	Sample type 1/	Depth, ft. ~~From~~ # of cartons	Depth, ft. To	Field No. (if any)	Location SW Site #	Location Date	Geologic Unit and Description of Sample Material	Analyses Desired: Permeability	Specific Yield 2/	MA Complete 2/	MA Sieve	Other 3/
75UT34	SC	2		14	09306500	1-6-75	Stream Bed Sample					<2mm dia. – Mineral Id by X-ray + Clay Mineral Id. >2mm dia – Lithologic Description
35		1		15	09306600	11-14-74						
36		2		16	09306600	1-8-75						
37		2		17	09306605	11-14-74						
38		2		18	09306605	1-6-75						
39		1		19	09306610	11-14-74						
40		2		20	09306610	1-9-75						
41		1		21	09306620	11-13-74						
42		2		22	09306620	1-6-75						
43		2		23	09306625	11-13-74						
44		1		24	09306625	1-6-75						
45		1		25	09306700	11-13-74						
46		1		26	09306700	1-7-75						

1/ Sample type: Cyl = Sample cylinder; SB = Sample bag; SC = Sample can; C = Core; CH = Chunks.
2/ Sp. yield includes sp. retention and porosity; MA complete includes hydrometer and sieve anal.
3/ Other analyses: MC = Moisture content; P = Porosity; AL = Atterberg limits; LL = Liquid limits; PL = Plastic limit; SL = Shrinkage limit; SG = Specific gravity; SMT = Soil moisture tension; pH; GC = Gypsum content; CC = Carbonate content; CA = Capillarity; AS = Acid solubility; SC = Soil conductivity; HM = Heavy mineral; FF = Formation factor.

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Hydrologic Laboratory
Lakewood, Colorado

Unpublished Records
Subject to Revision

Mineralogy of samples 76UT4-9 and 76UT10-21

aboratory sample number	Quartz	Potassium Feldspar	Plagioclase Feldspar	Calcite	Dolomite	Clay Minerals	Analcime	Total
76UT4	9	9	6	9	32	10	1	76
5	9	6	9	10	30	10	2	76
6	13	6	10	16	28	10	1	84
7	13	11	4	17	28	10	1	84
8	9	4	3	4	59	10	4	93
9 S-11	52	7	6	9	7	15	1	97
76UT10 S-1	38	7	7	14	10	15	1	92
11 S-5	19	4	5	14	21	15	1	79
12	40	8	9	11	12	20	2	102
13 S-7	37	7	8	12	14	15	1	[illegible]
14 S-2	31	6	8	13	15	15	2	[illegible]
15 S-3	56	8	6	8	6	10	1	
16 S-4	36	6	7	10	12	15	2	
17 S-9	24	16	11	8	4	15	8	
18 S-13	24	12	19	9	<5	10	9	
19 S-10	27	12	25	12	6	10	5	
20 S-12	26	11	22	10	4	10	5	
21 S-11	54	9	7	8	8	10	2	

Hydrologic Laboratory
Lakewood, Colorado

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Mineralogy of samples 75UT21-53

Laboratory sample number	Quartz	Potassium Feldspar	Plagioclase Feldspar	Calcite	Dolomite	Clay Minerals	Analcime	Total
75UT21 S-1	61	7	6	6	5	15	1	101
22 S-1	54	8	7	9	7	15	1	101
23 S-5	22	4	6	14	25	20	3	94
24 S-5	25	9	24	11	9	15	3	96
25 S-7	40	6	6	12	14	15	2	95
26 S-15	15	6	10	26	19	20	4	100
27 S-6	44	8	8	11	12	15	1	99
28 S-6	21	4	4	17	27	10	3	86
29 S-8	19	≤7	21	14	9	20	5	89+
30 S-8	18	≤9	20	16	12	20	4	90+
31 S-2	34	6	8	14	18	15	2	97
32 S-2	24	6	8	18	18	15	3	92
33 S-3	42	7	6	12	10	15	1	93
34 S-3	49	8	7	11	9	20	1	105
35 S-4	51	8	7	8	8	10	1	93
36 S-4	57	9	6	9	8	15	1	105
37 S-9	27	11	18	8	4	15	9	92
38 S-9	27	11	19	9	6	10	12	94
39 S-13	25	13	16	10	4	5	9	82
40 S-13	29	18	27	10	6	5	9	104
41 S-10	25	11	20	11	5	15	6	93
42 S-10	29	13	28	11	≤5	10	7	98+
43 S-12	27	11	22	11	6	20	7	104
44 S-12	28	6	9	15	19	15	5	97
45 S-11	59	8	8	7	6	15	1	104
46 S-11	51	8	8	12	10	10	1	100
47	33	6	10	16	14	15	2	96
48	44	8	8	12	13	20	1	106
49	23	≤10	33	5	3	10	6	80+
50	27	≤15	41	7	4	10	5	94+
51	25	15	31	9	4	10	6	100
52	25	14	24	9	≤5	20	6	98+
53	27	10	18	9	≤4	15	10	89+

OPTIONAL FORM NO. 10
JULY 1973 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

GEOLOGICAL SURVEY
RECEIVED
NOV 24 1975
SALT LAKE CITY, UTAH
WATER RESOURCES DIV.

TO : Dan Finn, WRD
Salt Lake City, Utah

DATE: November 19, 1975

FROM : F. S. Riley, WRD, Stop 404
Lakewood, Colorado

SUBJECT: PROGRAMS AND PLANS--Transmittal of data for samples 75UT21-53 and 76UT10-21

Attached are particle-size distribution graphs and a statistical characteristics table summarizing results for the samples listed above. Similar site numbers listed for the 75 Utah samples and 76UT10, 11, 13, and 14 were plotted on the same graph. *

Bulk X-ray determinations for all samples will be mailed on November 21.

Francis S. Riley
Chief, Hydrologic Laboratory

Attachments

cc: District Chief

* For all samples the fine gravel sizes (if all present) have been saved separately for additional studies of shape factors, color, and lithology.

5010-110

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Hydrologic Laboratory
Lakewood, Colorado

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Statistical characteristics of grain-size analyses for samples 75UT21-53

Laboratory sample number	Median size (mm)	Sorting coefficient	Skewness	Kurtosis	Uniformity coefficient
75UT21	.27	2.1	1.3	5.2×10^{-2}	4.6
22	.44	3.1	2.0	.11	7.9
23	2.3	3.7	.50	.26	40.
24	1.1	4.8	.86	.20	21.
25	.42	4.9	2.1	--	--
26	2.0	2.7	.80	.21	44.
27	.12	4.1	5.1	--	--
28	1.9	2.5	1.0	.17	8.5
29	3.3	4.2	.38	.24	67.
30	2.2	3.6	.41	.28	62.
31	2.3	4.1	.59	.23	37.
32	2.4	2.8	.83	.23	12.
33	6.9	5.2	.28	.32	52.
34	.53	5.3	5.7	.18	10.
35	1.6	9.9	1.2	.20	62.
36	.40	5.0	6.7	.19	4.5
37	2.1	5.4	.34	.23	54.
38	2.1	6.1	.32	--	--
39	2.3	3.6	.48	.26	24.
40	.87	5.1	1.2	.24	27.

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Statistical characteristics - 75UT21-53 (concluded)

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Laboratory sample number	Median size (mm)	Sorting coefficient	Skewness	Kurtosis	Uniformity coefficient
75UT41	.44	5.7	3.0	--	--
42	.31	7.0	3.8	--	--
43	.44	7.2	3.8	--	--
44	2.6	3.8	.71	.25	52.
45	8.6	7.6	4.8×10^{-2}	.31	128.
46	.34	1.9	1.1	.15	3.6
47	4.6	1.9	.77	.23	25.
48	.35	3.8	.90	--	--
49	1.8	2.6	.65	.23	16.
50	2.3	3.1	.62	.23	19.
51	1.9	3.4	.49	.28	19.
52	1.8	3.6	.62	.23	20.
53	3.1	5.0	.26	.27	61.

Unpublished Records
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$$\text{Median} = d_{50}$$

$$\text{Sorting coefficient} = \sqrt{\frac{Q_3}{Q_1}}$$

$$\text{Skewness} = \frac{Q_1 \quad Q_3}{[\text{Median}]^2}$$

$$\text{Kurtosis} = \frac{Q_3 \quad -Q_1}{2(P_{90}-P_{10})}$$

$$\text{Uniformity coefficient sorting index} = \frac{d_{60}}{d_{10}}$$

Person Request-ing Analyses: Dan Finn
Date: 4 30-75
Return Report to: USGS, WRD, 125 S. State Rm 8002, SLC, UT 84138
Latest Date results needed: 6-30-75

Water Resourses Div Ground Water Branch
HYDROLOGIC LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use)

Project name and No. Oil Sha[illegible] Proj. ~~[illegible]~~ 4649-00100
Sample No's: (Lab.use)
Page 1 of 3 pages

Laboratory Sample No. (Lab.use)	Sample type 1/	Depth, ft. ~~From~~ # of cartons	Depth, ft. To	Field No. (if any)	Location SW Site # Date	Geologic Unit and Description of Sample Material	Analyses Desired: Permeability	Specific Yield 2/	MA Complete 2/	MA Sieve	Other 3/
75UT21	SC	1		1	09306400 11-13-74	Stream Bed Sample					<2mm dia. — Mineral Id by X-ray diff. + clay Mineral Id. >2mm dia. — Lithologic Description
22		2		2	09306400 1-7-75						
23		2		3	09306405 11-13-74						
24		2		4	09306405 1-7-75						
25		1		5	09306415 11-14-74						
26		1		6	09306417 1-21-75						
27		2		7	09306420 11-14-74						
28		1		8	09306420 1-8-75						
29		2		9	09306425 11-14-74						
30		1		10	09306425 1-8-75						
31		2		11	09306430 11-12-74						
32		2		12	09306430 1-9-75						
33		1		13	09306500 11-12-74						

1/ Sample type: Cyl = Sample cylinder; SB = Sample bag; SC = Sample can; C = Core; CH = Chunks.
2/ Sp. yield includes sp. retention and porosity; MA complete includes hydrometer and sieve anal.
3/ Other analyses: MC = Moisture content; P = Porosity; AL = Atterberg limits; LL = Liquid limits; PL = Plastic limit; SL = Shrinkage limit; SG = Specific gravity; SMT = Soil moisture tension; pH; GC = Gypsum content; CC = Carbonate content; CA = Capillarity; AS = Acid solubility; SC = Soil conductivity; HM = Heavy mineral; FF = Formation factor.

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Person Requesting Analyses: Dan Finn
Date: 4-30-75
Return Report to: USGS, WRD, 125 S. State, Rm 8002, SLC, UT 84138
Latest Date results needed: 6-30-75

U.S. Geological Survey
Water Resourses Division Ground Water Branch
HYDROLOGIC LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use) ______

State Utah
Project name and No. Oil Shale Proj. ~~[illegible]~~ 4649-00100
Sample No's: (Lab.use) ______
Page 2 of 3 pages

Laboratory Sample No. (Lab.use)	Sample type 1/	Depth, ft. ~~From~~ # of cartons	Depth, ft. To	Field No. (if any)	Location SW Site #	Location Date	Geologic Unit and Description of Sample Material	Permeability	Specific Yield 2/	MA Complete 2/	MA Sieve	Other 3/
75UT34	SC	2		14	09306500	1-6-75	Stream Bed Sample					<2mm dia. – Mineral Id by X-ray + Clay Mineral Id. >2mm dia – Lithologic Description
35		1		15	09306600	11-14-74						
36		2		16	09306600	1-8-75						
37		2		17	09306605	11-14-74						
38		2		18	09306605	1-6-75						
39		1		19	09306610	11-14-74						
40		2		20	09306610	1-9-75						
41		1		21	09306620	11-13-74						
42		2		22	09306620	1-6-75						
43		2		23	09306625	11-13-74						
44		1		24	09306625	1-6-75						
45		1		25	09306700	11-13-74						
46		1		26	09306700	1-7-75						

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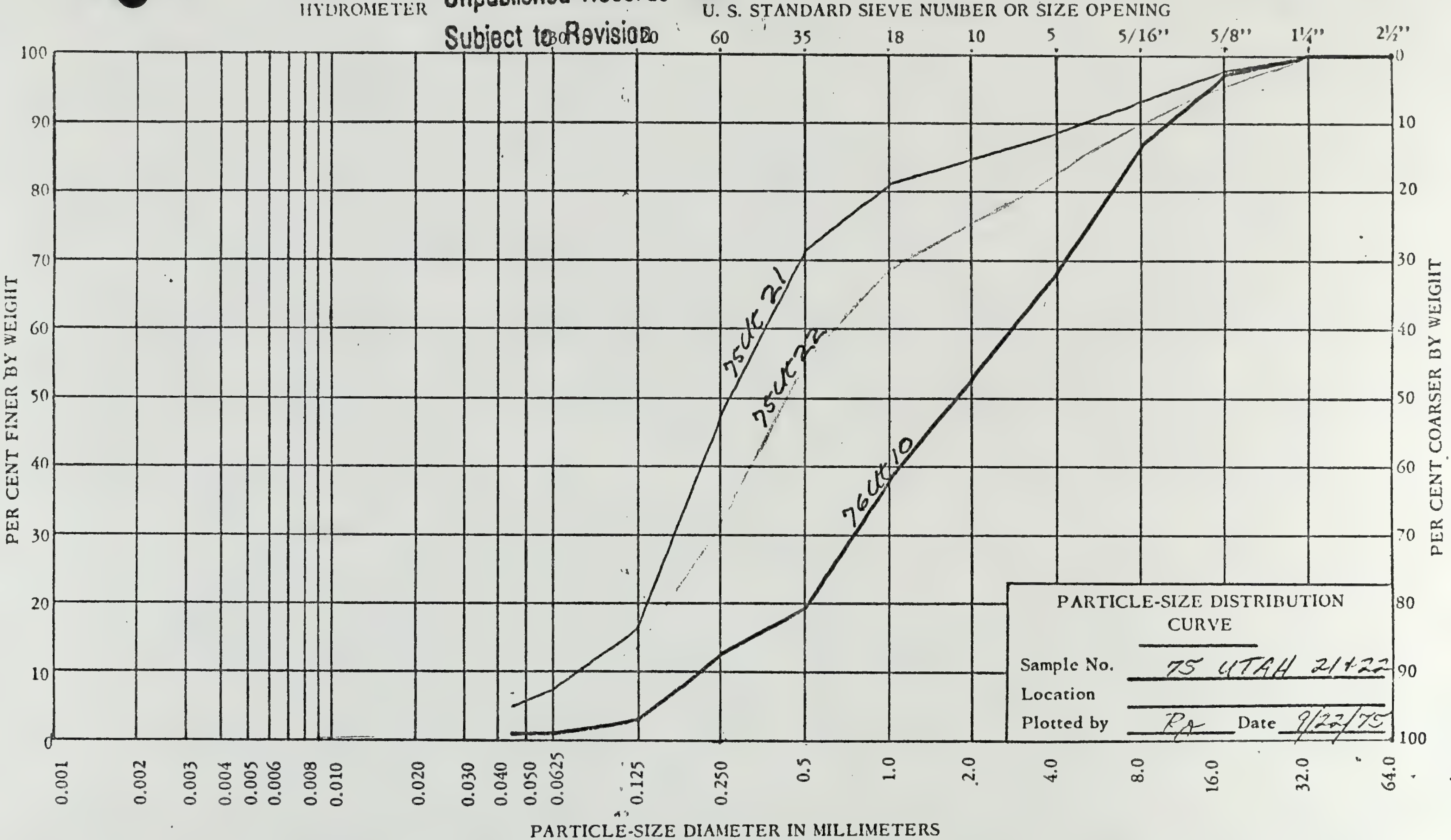

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 21+22

Location

Plotted by RA Date 9/22/75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#21		7.1	8.6	31.2	24.2	10.0	3.7	3.8	4.7	4.5	2.1	0
#22		8.1	4.5	18.4	23.5	13.9	7.0	7.3	7.6	5.3	4.4	0
#10		.6	1.8	9.7	6.6	18.8	15.4	15.3	18.4	10.6	2.7	0

GP 0-40258

#21 Red
#22 Bl...

U.S. Geological Survey
Water Resourses Div. Ground Water Branch
HYDROLOGIC LABORATORY

SAMPLE-ANALYSIS REQUEST

Job. No. (Lab.use)

Person Requesting Analysis: Dan Finn
Date: 4-30-75
Return Report to: USGS, WRD, 125 S. State, Rm 8002, SLC, UT 84138
Latest Date results needed: 6-30-75

Project name and No.: Oil Shale Proj. ~~4649-11300~~ 4649-00100
Sample No's: (Lab.use)
Page 3 of 3 pages

Laboratory Sample No. (Lab.use)	Sample type 1/	Depth, ft. ~~Room~~ # of Cartons	Depth, ft. To	Field No. (if any)	Location Date	Geologic Unit and Description of Sample Material	Analyses Desired Permeability	Analyses Desired Specific Yield 2/	Analyses Desired MA Complete 2/	Analyses Desired MA Sieve	Analyses Desired Other 3/
75UT47	SC	1		27	(D-10-25) 7c 1-14-75	Stream Bed Sample					<2mm dia. – Mineral Id. by X-ray + Clay Mineral Id. >2mm dia. – Lithologic Description
48	SC	1		28	(D-10-25) 7b 1-14-75						
49	SC	1		29	(D-10-24) 11a 1-14-75						
50	SC	1		30	(D-10-24) 14ab 1-14-75						
51	SC	1		31	(D-10-24) 14bb 1-14-75						
52	SC	1		32	(D-10-24) 15b 1-8-75						
53	SC	1		33	(D-10-24) 18d 1-14-75						
					above 7 samples are from						
					tributary channels to White River						

1/ Sample type: Cyl = Sample cylinder; SB = Sample bag; SC = Sample can; C = Core; CH = Chunks.
2/ Sp. yield includes sp. retention and porosity; MA complete includes hydrometer and sieve anal.
3/ Other analyses: MC = Moisture content; P = Porosity; AL = Atterberg limits; LL = Liquid limits; PL = Plastic limit; SL = Shrinkage limit; SG = Specific gravity; SMT = Soil moisture tension; pH; CG = [illegible] content; CC = Carbonate content; CA = Capillarity; AS = Acid solubility; [illegible] = Heavy mineral; FF = Formation factor.

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10AJ60a Hydrologic Laboratory
Denver, Colorado

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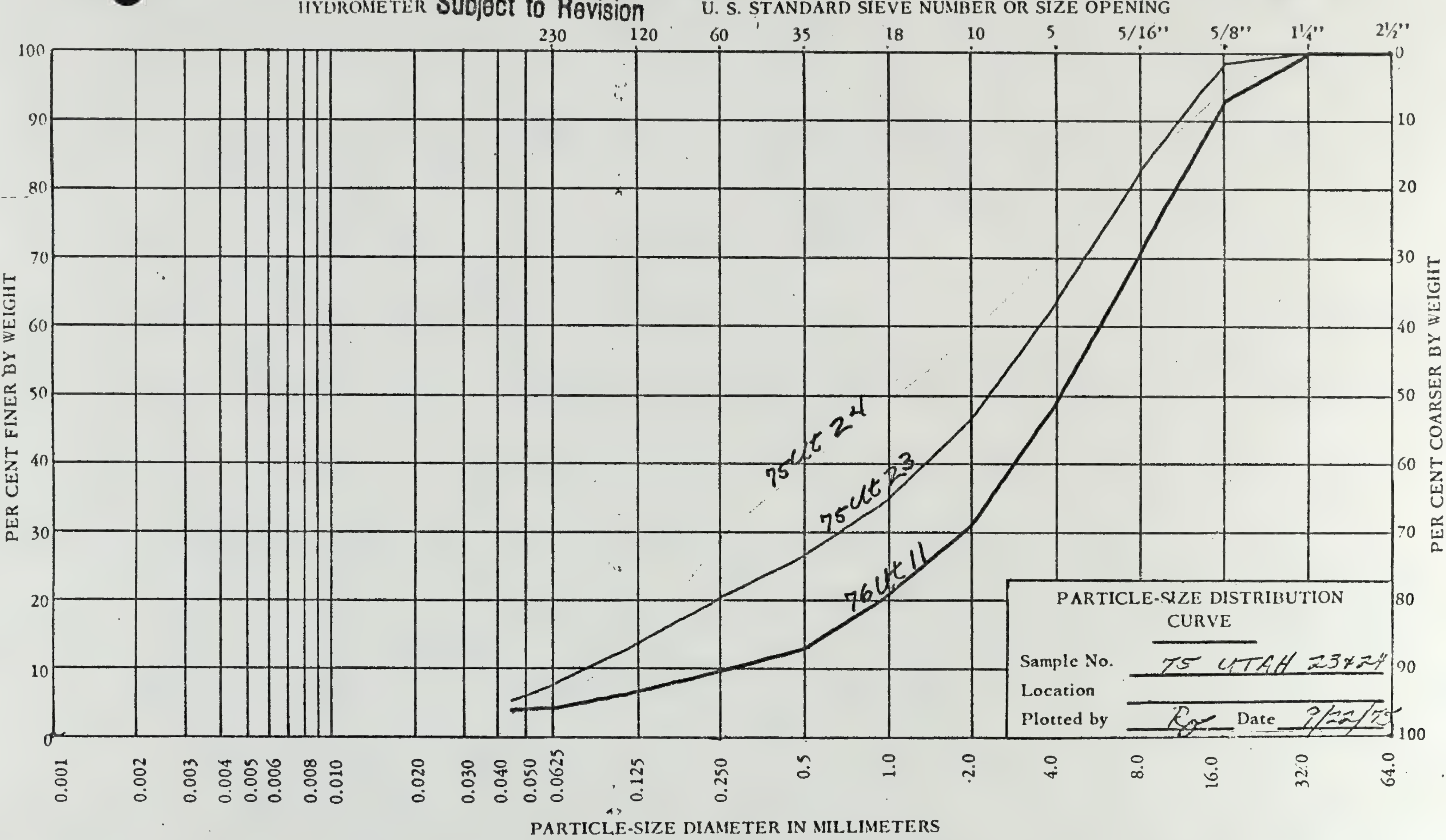

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 23+24
Location
Plotted by Rg Date 2/22/75

% OF SIZE	CLAY SIZES < 0.004 mm	SILT SIZES 0.004 – 0.0625 mm	SAND SIZES V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	GRAVEL SIZES V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#23	7.3		5.9	6.9	6.2	8.2	12.0	17.3	18.9	15.7	1.6	0
#24	4.6		8.2	16.0	10.4	9.4	10.4	12.3	12.8	10.2	5.4	0
#11	3.8		2.5	3.0	3.2	80	105	12.8	22.2	21.9	21	0

#23 red

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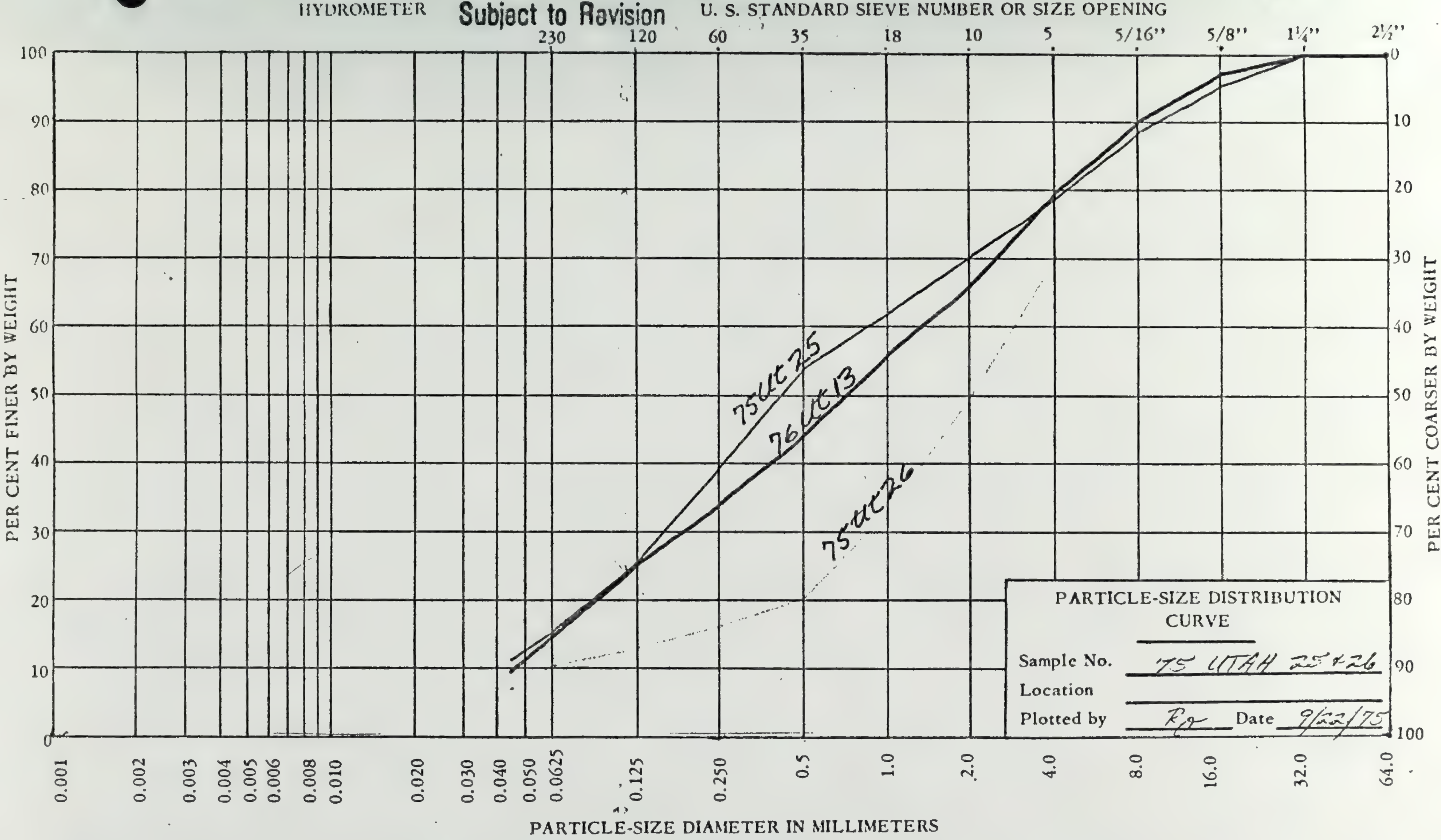

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 25+26
Location
Plotted by Rg Date 9/22/75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#25	14.9		10.0	13.9	14.7	8.2	8.6	8.3	9.7	7.1	4.6	0
#26	9.9		2.5	3.2	4.1	12.8	17.0	20.4	16.1	10.0	3.9	0
#13	14.1		10.4	8.9	10.0	12.0	10.6	13.3	10.6	7.2	2.8	

— #25 Red
— #26 Blue

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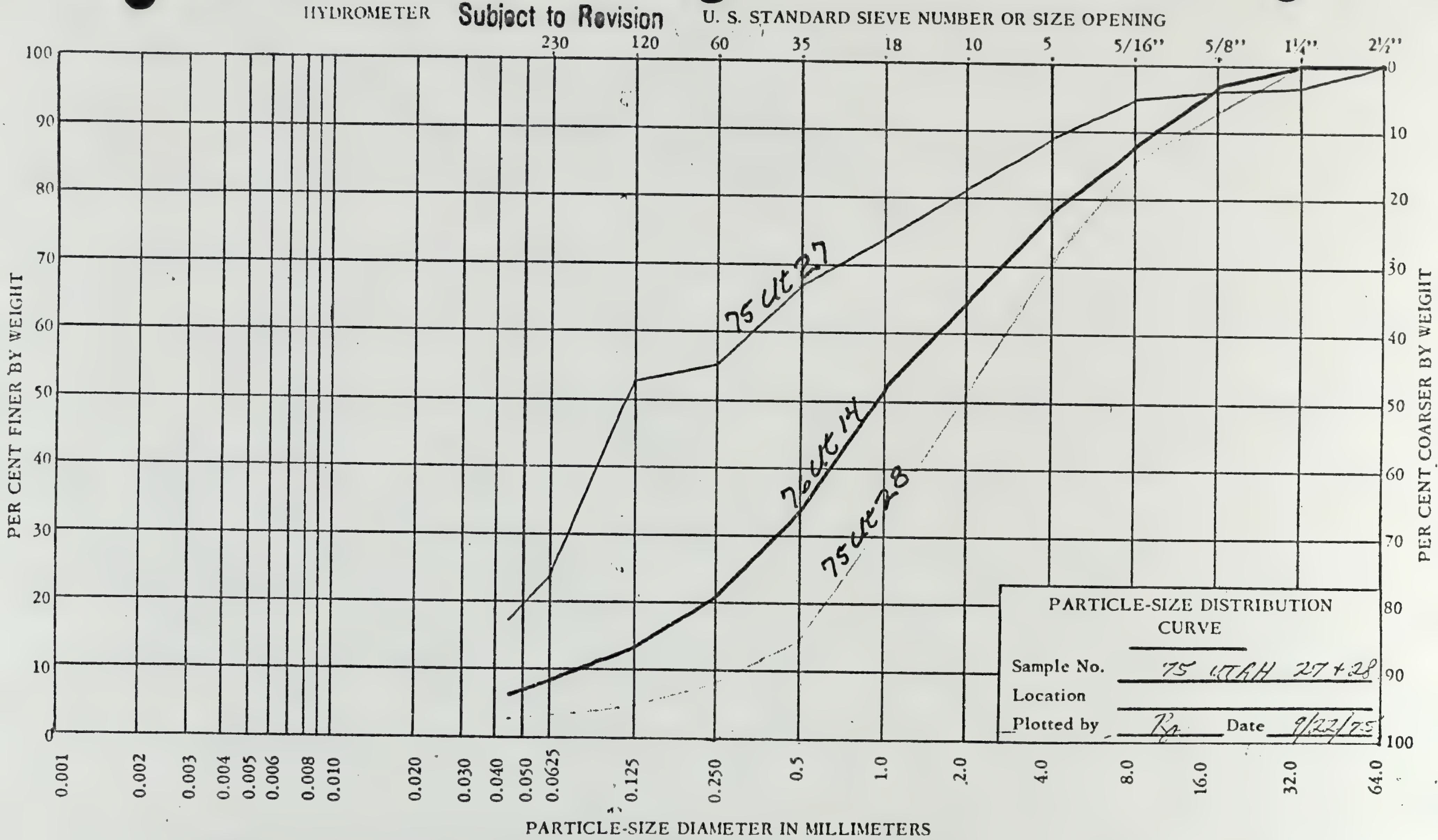

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 37-64
#27	23.6 ~~16.7~~		28.8	2.4	11.9	7.2	7.6	7.6	5.8	1.3	0.4	3.3
#28	2.8		1.4	3.5	6.4	17.9	19.2	19.7	14.6	7.6	7.0	0
#14	8.3		4.8	7.7	12.7	18.4	13.2	13.0	9.9	9.1	2.9	0

#27 Red
— #28 Blue

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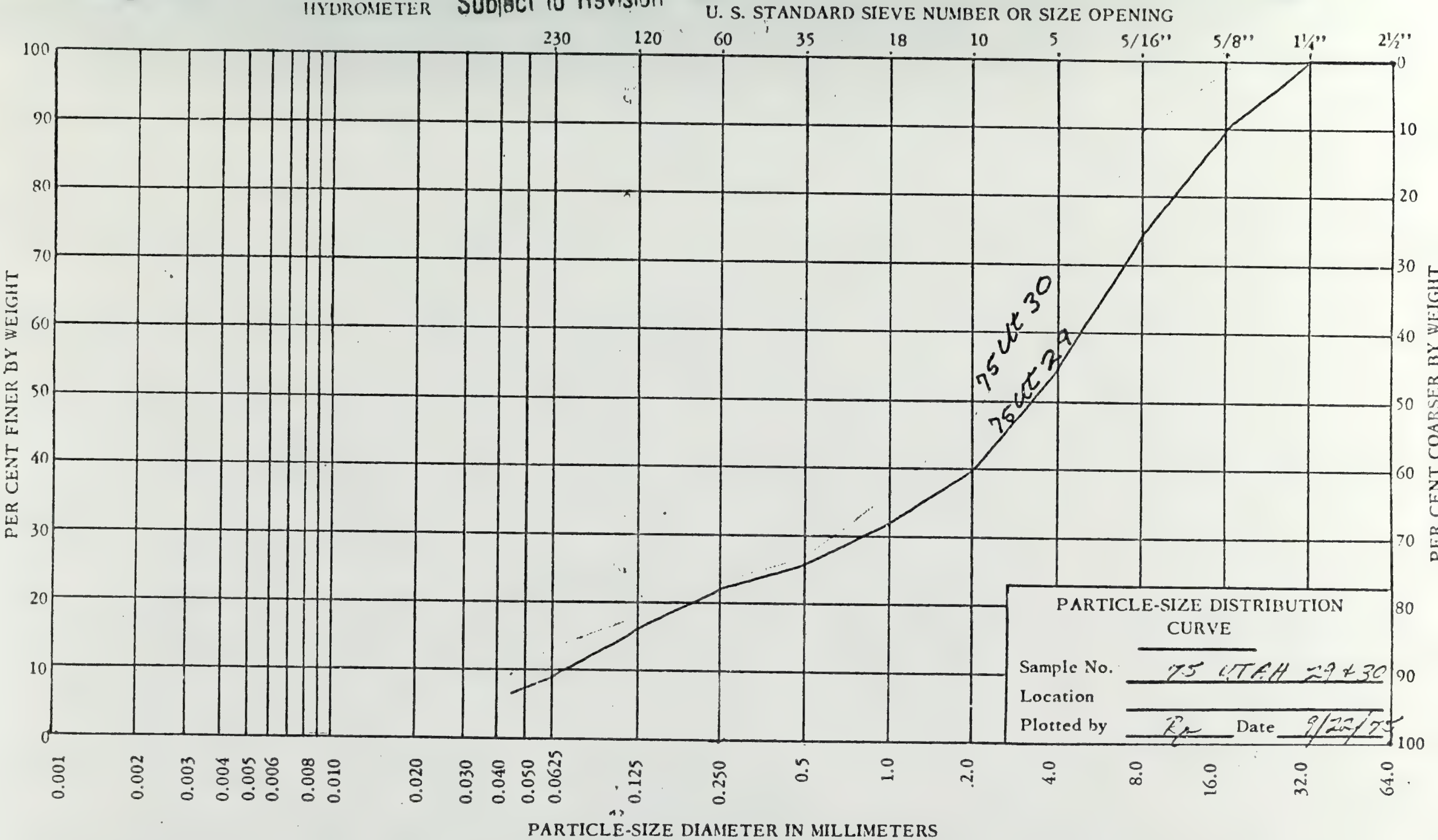

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 29 + 30
Location
Plotted by Rp Date 9/22/75

% OF SIZE

CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#29 8.5		6.9	6.2	3.6	6.2	7.9	15.3	19.7	15.5	10.3	0
#30 12.7		4.7	5.0	4.0	9.4	11.6	20.4	21.8	9.4	1.0	0

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— #29 Red

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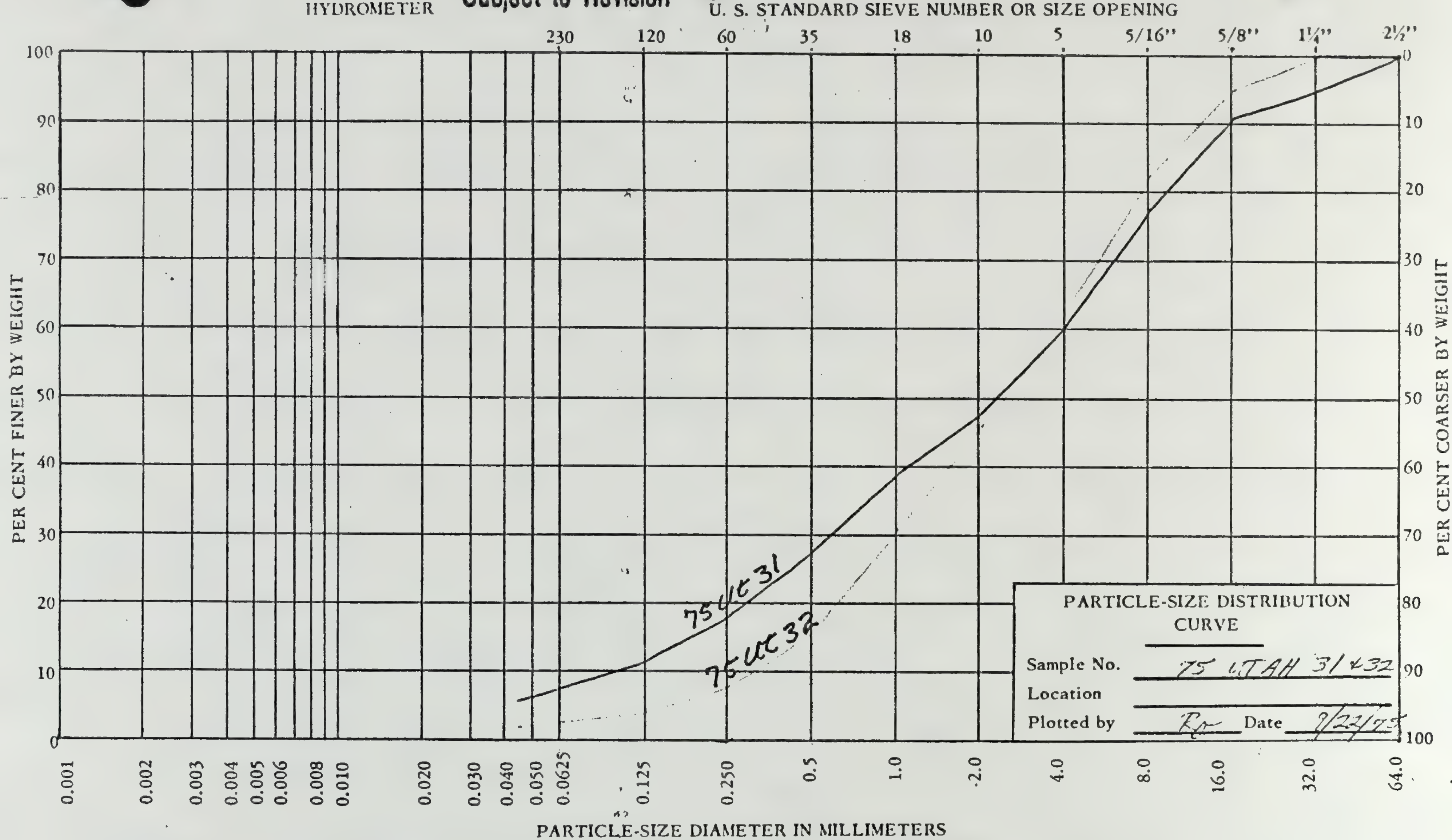

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 31 & 32
Location
Plotted by Ro Date 9/22/75

CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#31 7.1		3.8	6.6	9.6	11.2	9.0	12.9	17.0	13.7	3.9	5.2
#32 2.3		1.2	3.8	7.8	15.0	15.1	16.6	20.3	12.9	5.0	0

% OF SIZE

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— #31 Red

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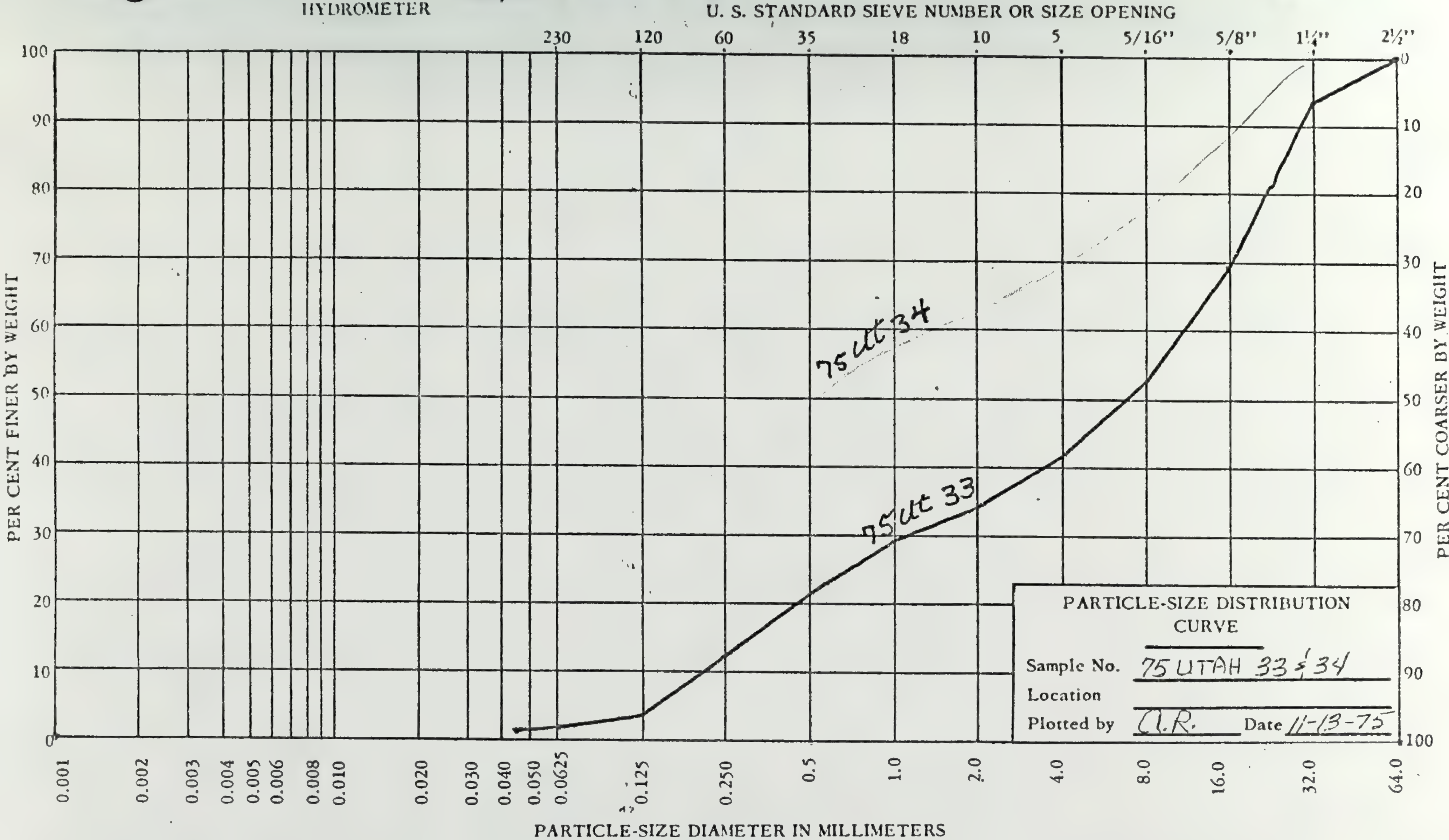

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 33 & 34
Location
Plotted by C.R. Date 11-13-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#33	1.7		1.8	8.7	9.1	7.7	4.9	7.5	10.9	16.8	24.5	6.5
#34	3.8		4.0	18.6	22.9	8.2	5.2	6.2	7.9	10.6	12.6	0

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#33 —
#34

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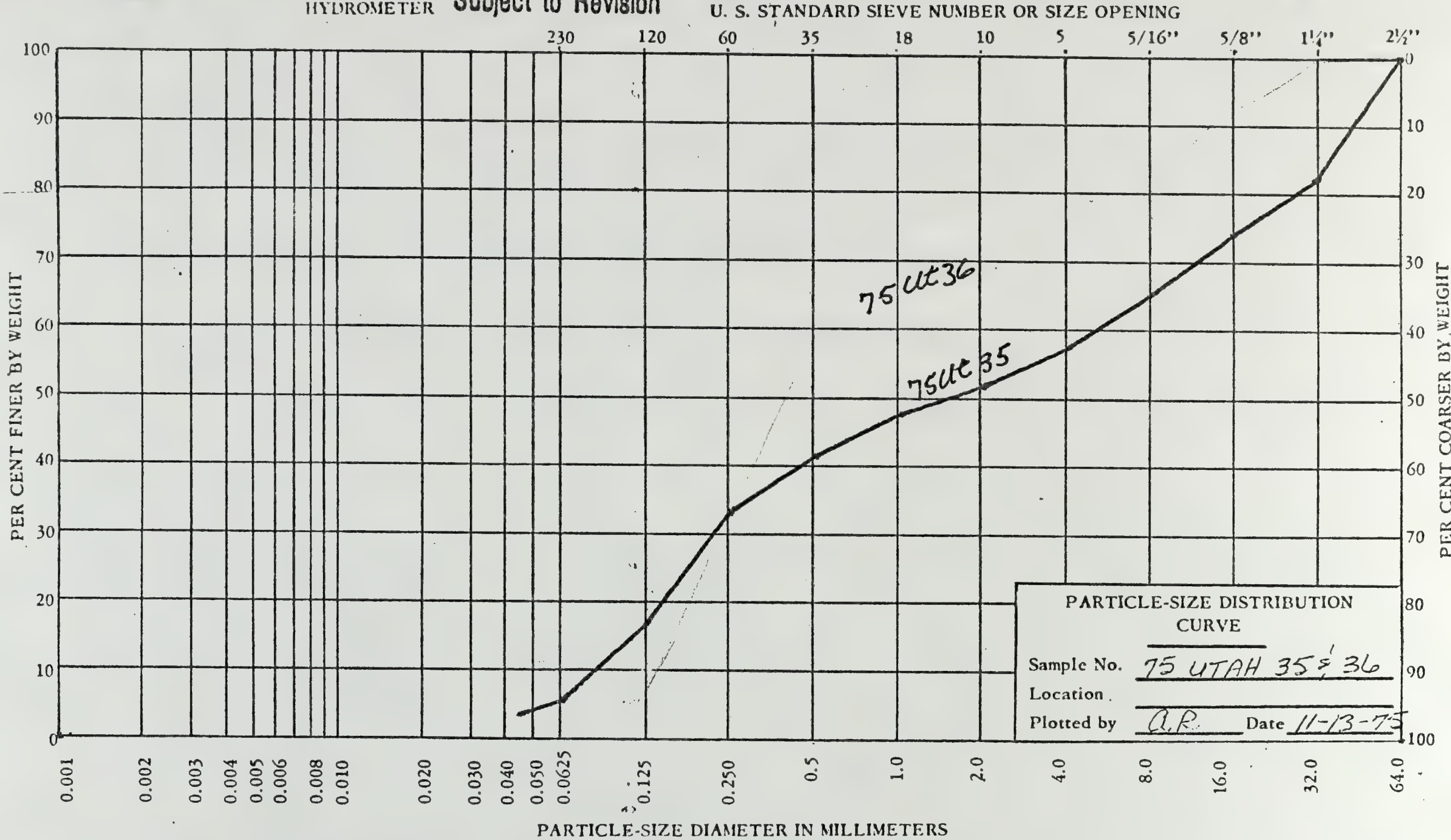

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 35 & 36
Location
Plotted by A.R. Date 11-13-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#35		5.3	11.0	16.5	8.1	6.2	4.2	5.7	7.8	8.9	8.1	18.1
#36		1.8	4.4	25.9	26.3	5.3	3.4	5.2	7.4	14.3	6.1	0

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#35 —
#36

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Denver, Colorado

Unpublished Records
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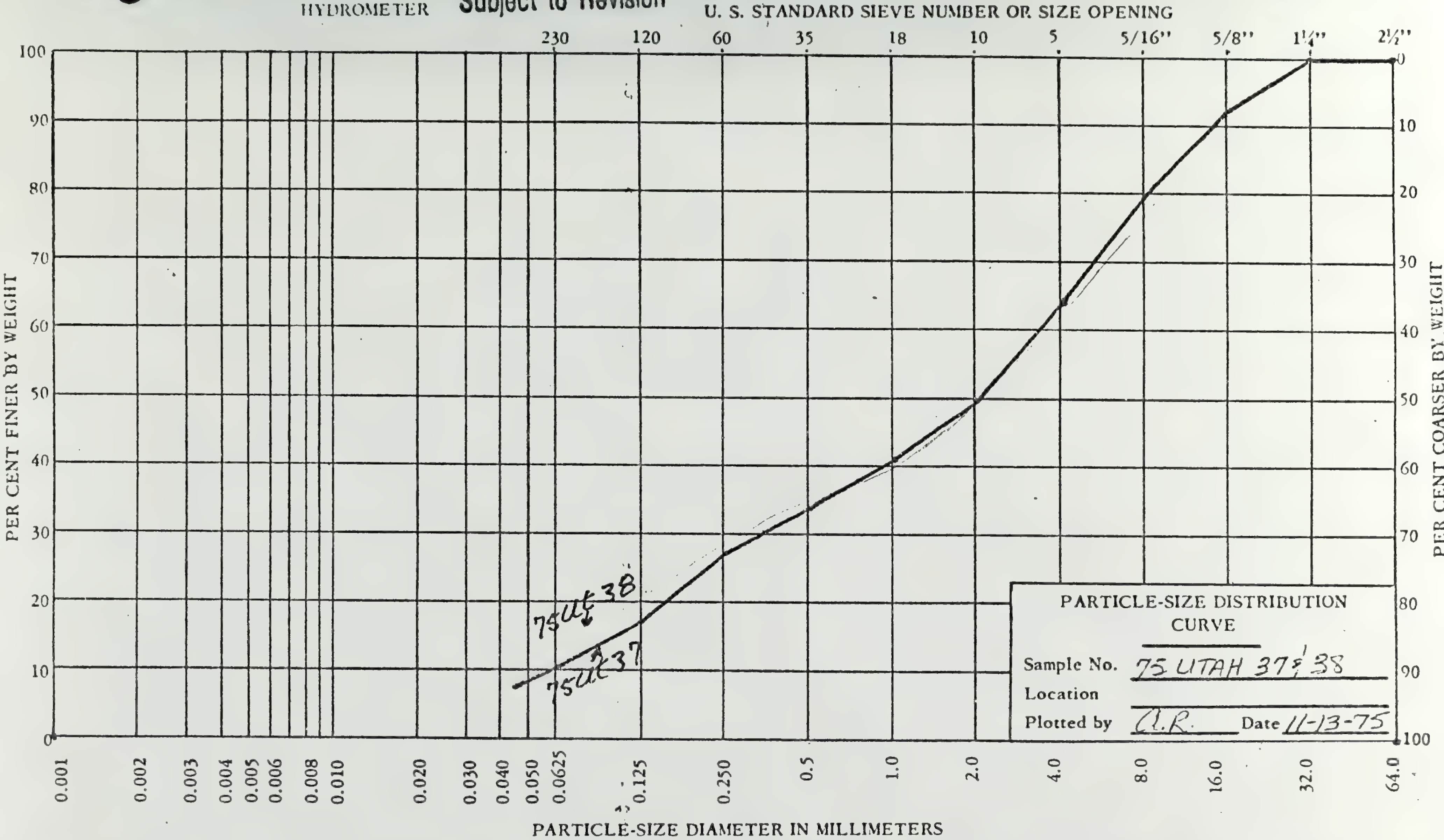

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 37 & 38
Location
Plotted by C.R. Date 11-13-75

% OF SIZE

	CLAY SIZES < 0.004 mm	SILT SIZES 0.004 – 0.0625 mm	SAND SIZES V. fine .0625-.125	 Fine .125-.25	 Medium .25-.5	 Coarse .5-1	 V.Coarse 1-2	GRAVEL SIZES V. fine 2-4	 Fine 4-8	 Medium 8-16	 Coarse 16-32	 V.Coarse 32-64
#37	10.0		6.7	10.0	6.6	7.0	8.8	14.5	15.8	12.8	7.8	0
#38	13.5		6.1	8.2	6.0	5.5	9.4	13.7	14.3	15.3	8.1	0

#37 —
#38

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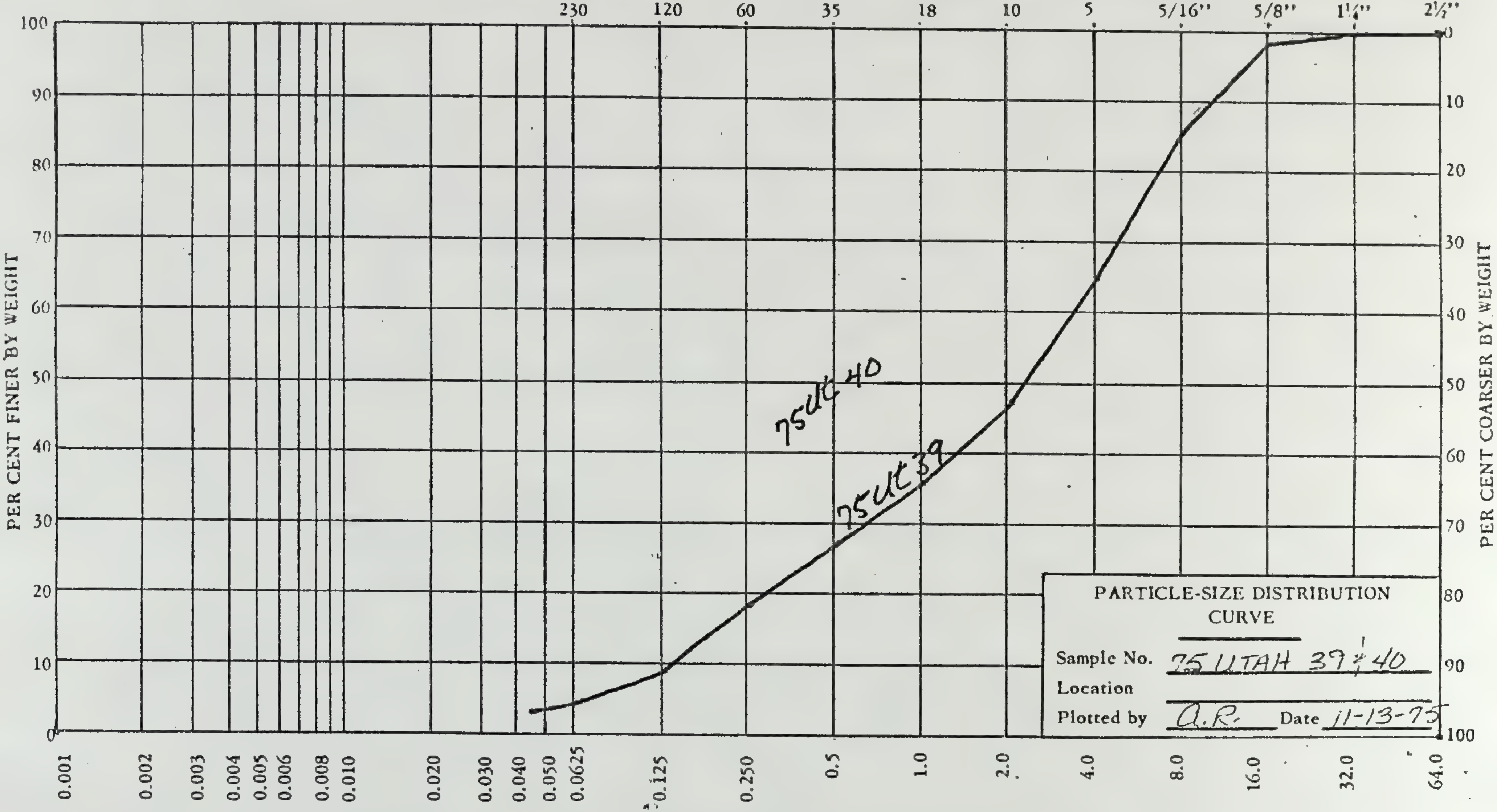
Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 39 & 40
Location
Plotted by A.R. Date 11-13-75

% OF SIZE	CLAY SIZES < 0.004 mm	SILT SIZES 0.004 – 0.0625 mm	SAND SIZES V. fine .0625-.125	 Fine .125-.25	 Medium .25-.5	 Coarse .5-1	 V.Coarse 1-2	GRAVEL SIZES V. fine 2-4	 Fine 4-8	 Medium 8-16	 Coarse 16-32	 V.Coarse 32-64
#39	4.0		4.4	9.5	8.6	8.7	11.2	18.3	20.8	13.2	1.4	0
#40	7.0		7.1	19.1	12.5	5.5	7.0	12.3	15.6	13.0	1.1	0

#39 —
#40

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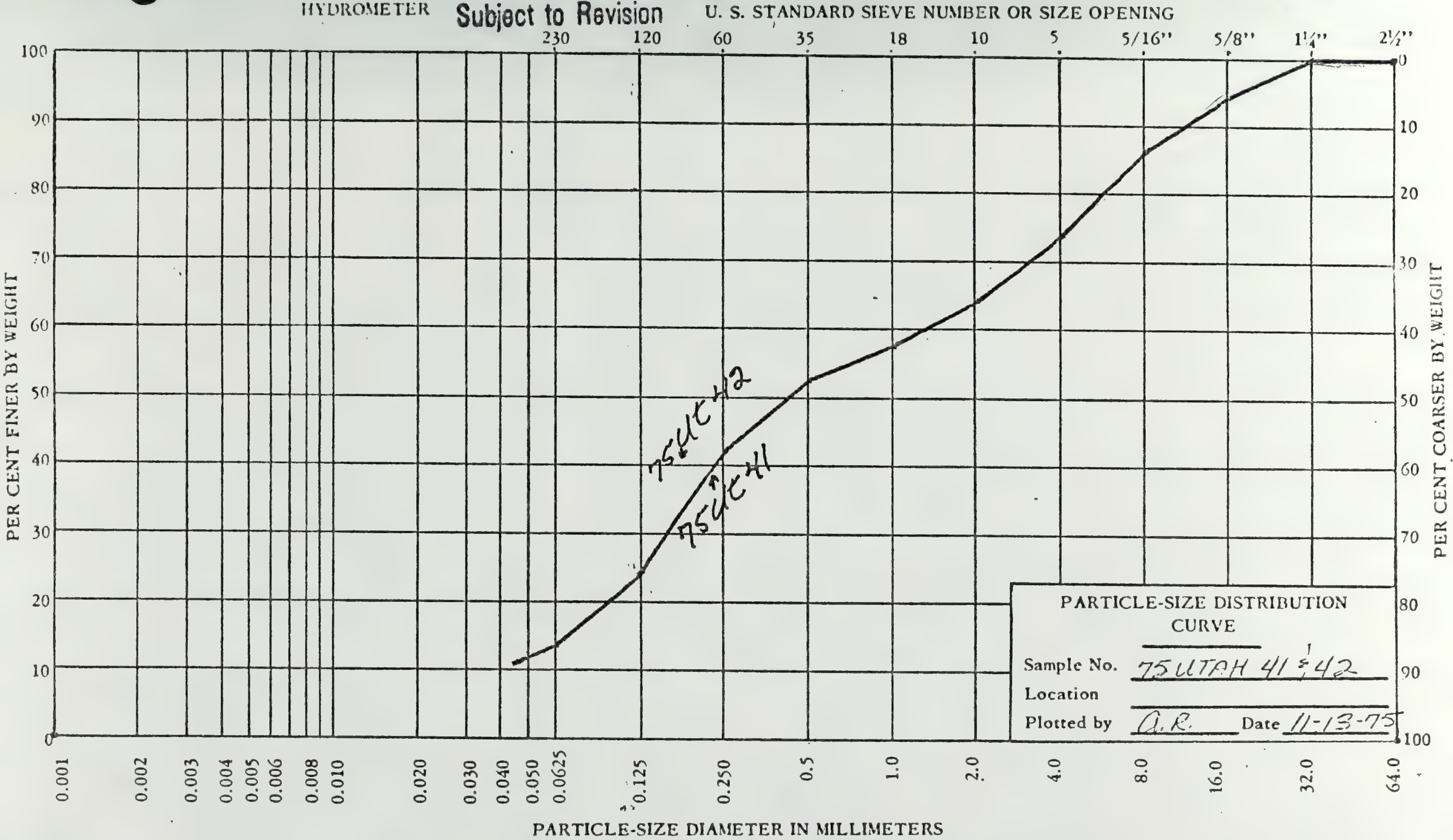
Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75UTAH 41 & 42
Location
Plotted by A.R. Date 11-13-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
#41		13.3	10.2	18.0	10.5	5.1	6.7	9.7	12.4	8.3	5.7	0
#42		18.6	13.0	15.8	7.8	5.0	5.4	8.5	10.0	11.6	4.3	0

#41 —
#42

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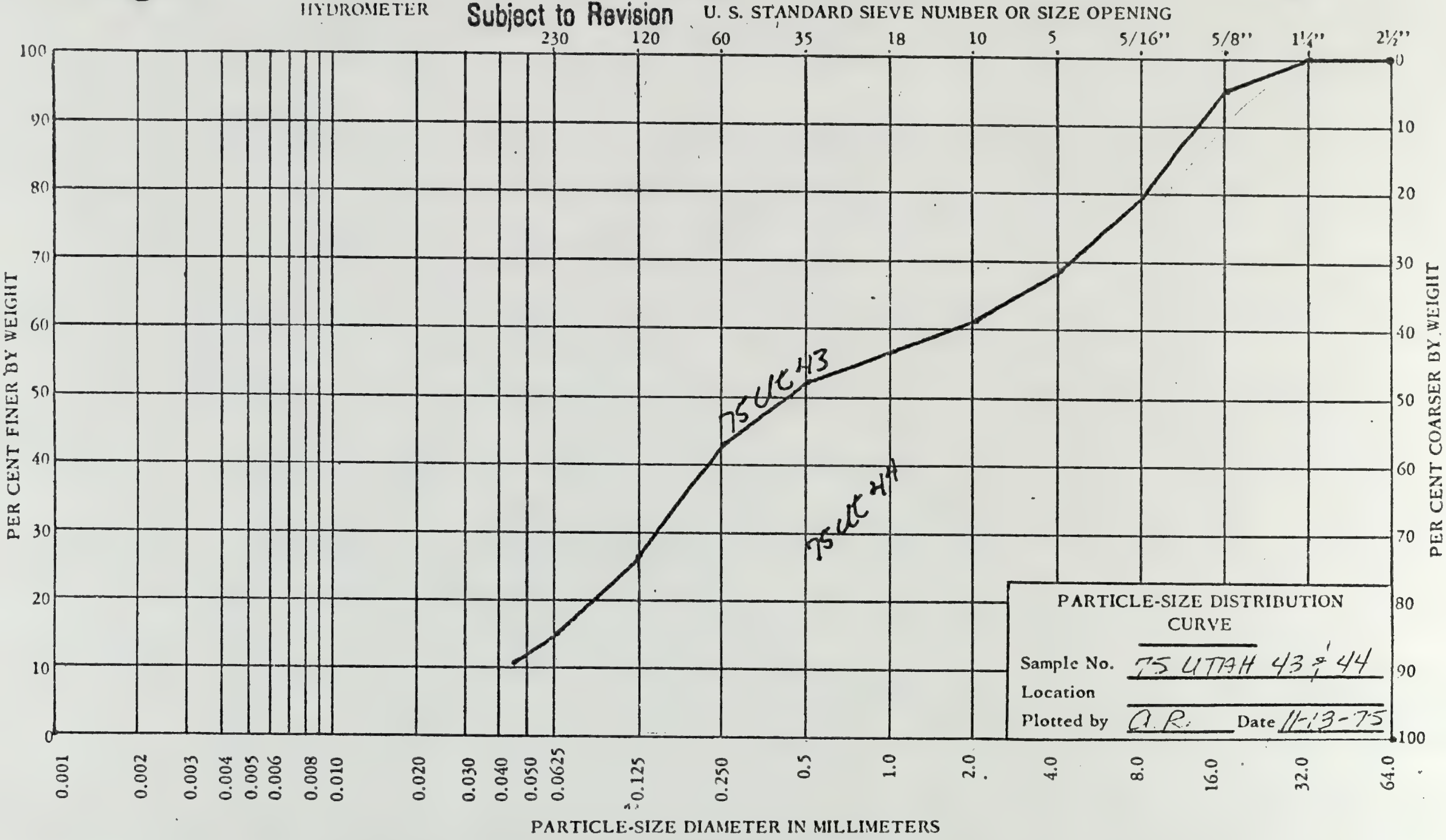
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 43 & 44
Location
Plotted by A. R. Date 11-13-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
	#43	14.5	11.4	16.6	9.3	4.6	4.7	7.3	10.9	16.0	4.7	0
	#44	8.3	4.4	4.7	5.3	12.5	10.0	13.2	15.7	16.7	9.3	0

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#43 —
#44

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Denver, Colorado

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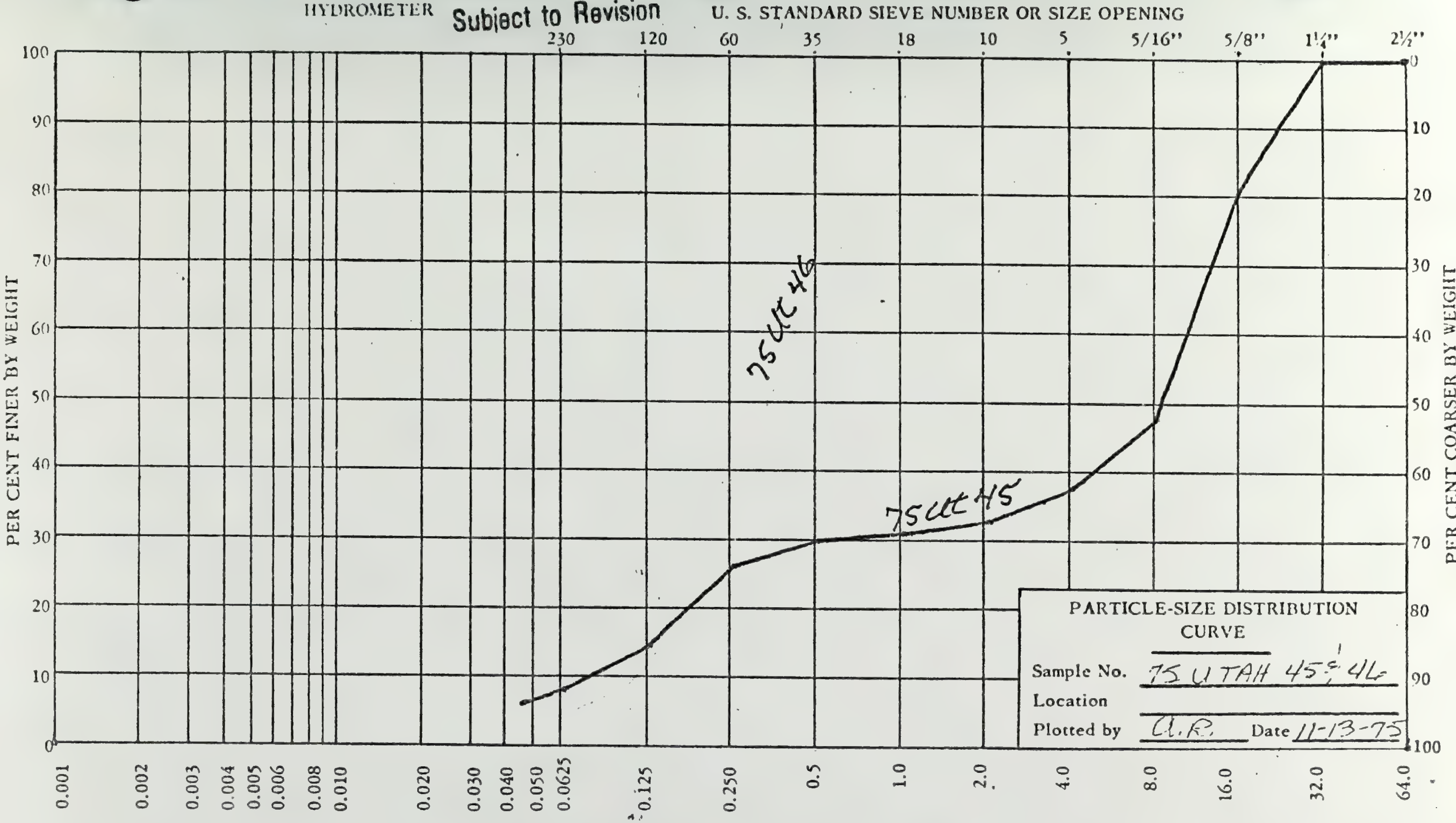
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 45 & 46
Location
Plotted by C.R. Date 11-13-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
	#45	7.5	6.2	11.6	3.7	.89	1.7	4.7	10.0	33.9	19.6	0
	#46	4.9	5.5	24.9	323	17.3	6.5	4.7	3.0	0.94	0	0

#45 —
#46

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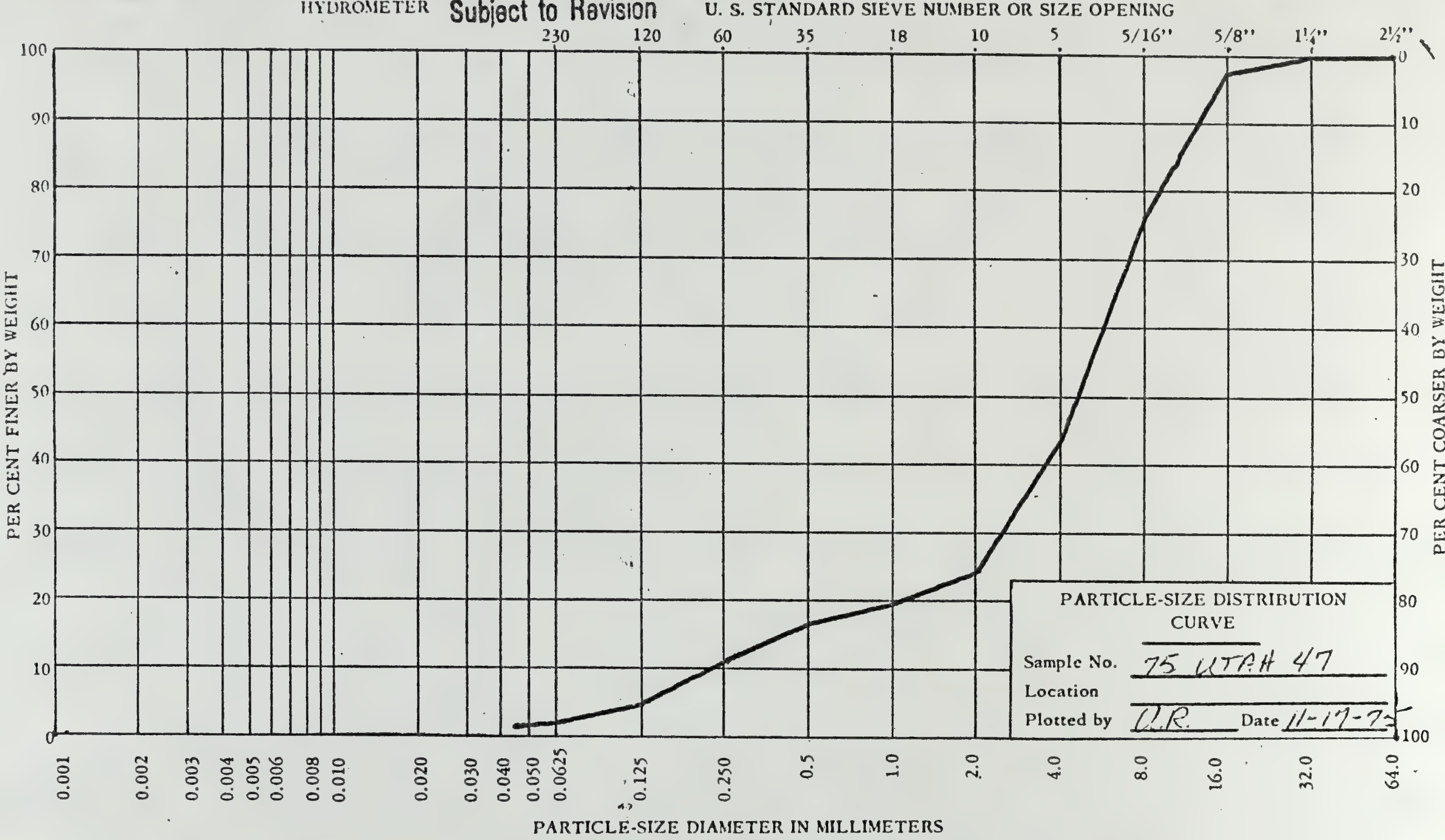
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 47
Location
Plotted by U.R. Date 11-17-7

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V Coarse 32-64
% OF SIZE	1.6		2.8	6.3	5.4	2.9	4.7	19.6	32.7	21.6	2.3	0

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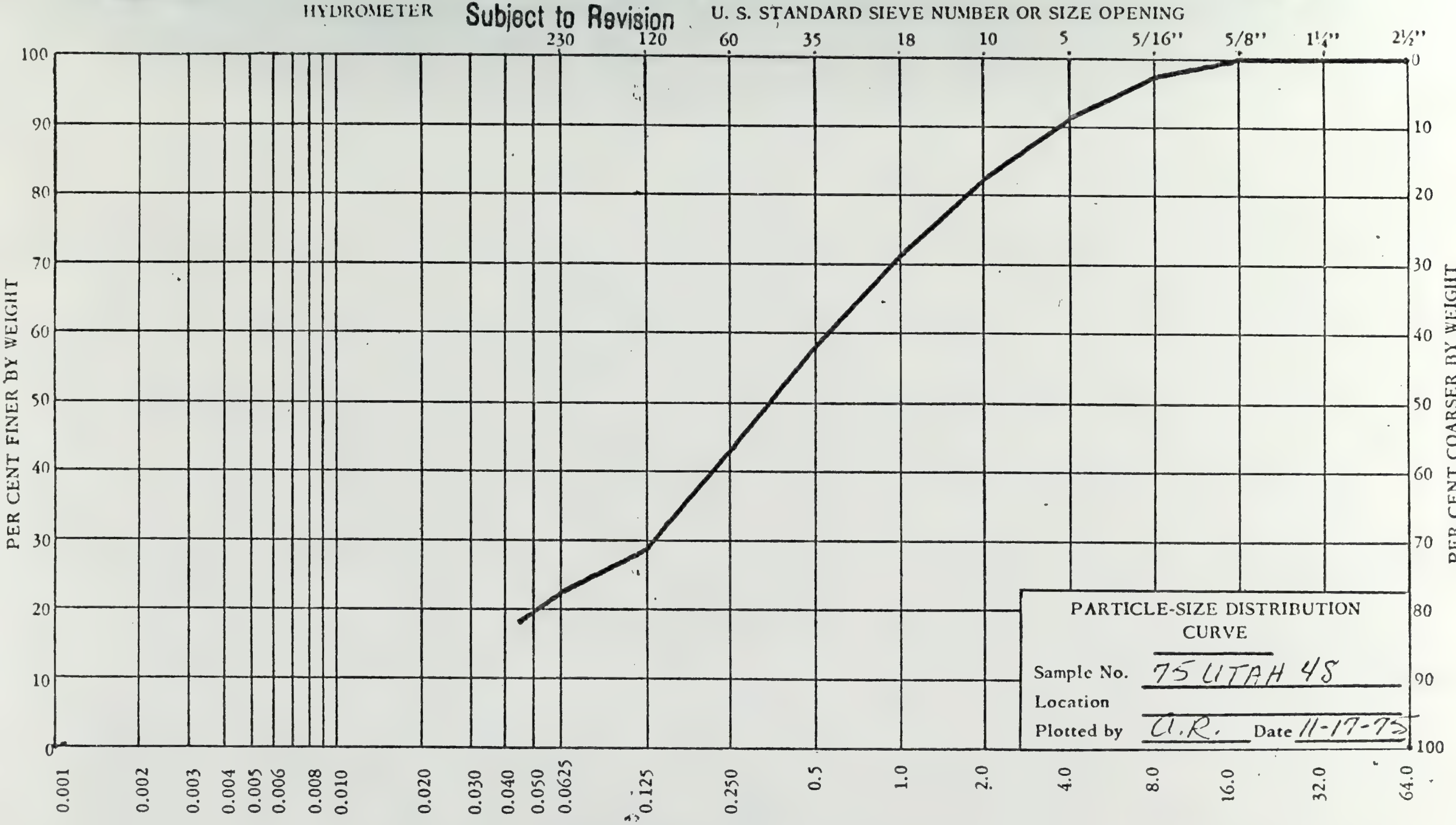
Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 4S
Location
Plotted by C.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	22.0		6.2	14.4	15.2	13.4	11.4	9.0	6.0	.24	0	0

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Denver, Colorado

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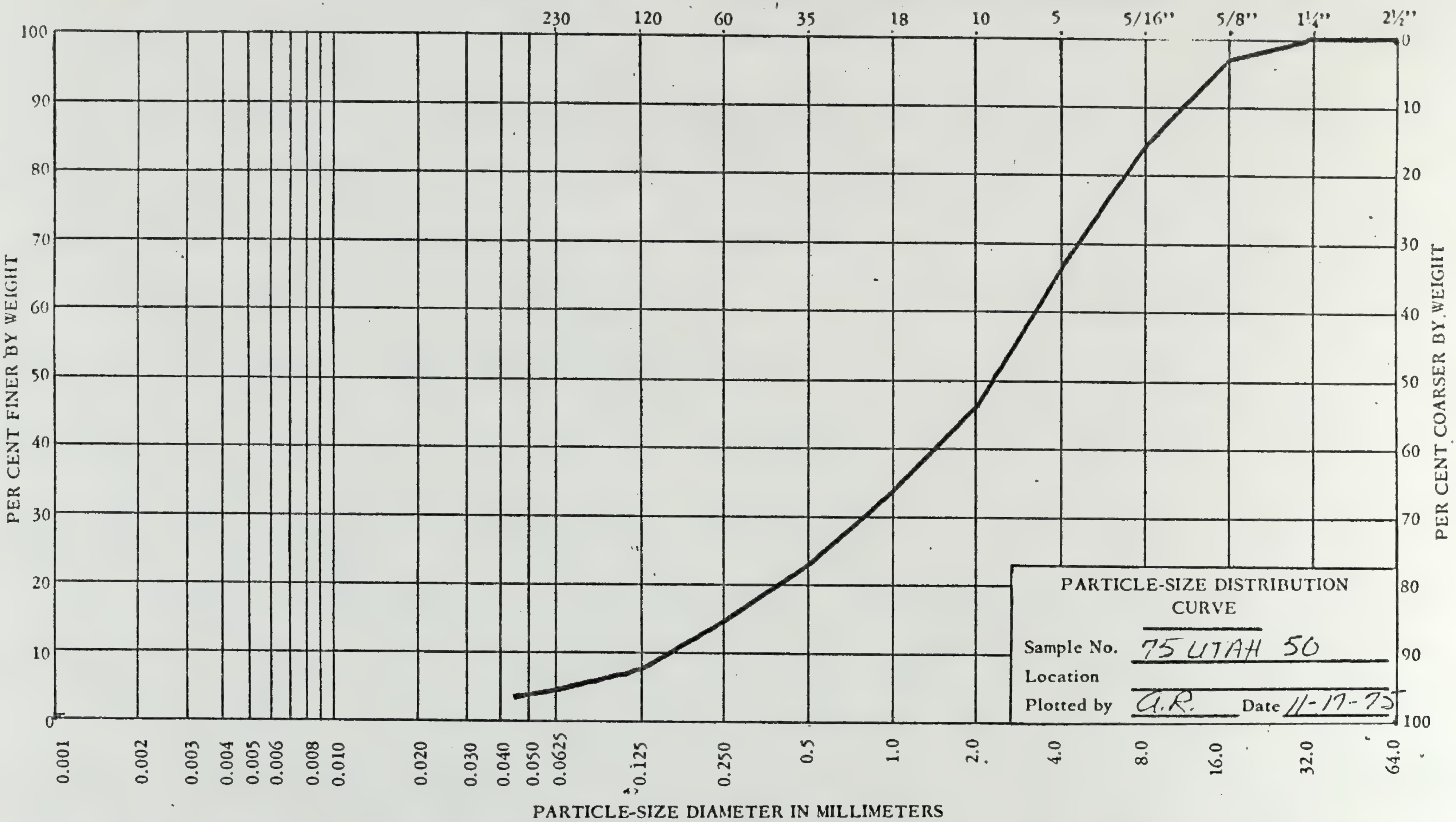
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 50
Location
Plotted by G.R. Date 11-17-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
	4.0		3.0	7.1	8.4	10.7	12.6	20.7	17.6	12.9	3.0	0

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Denver, Colorado

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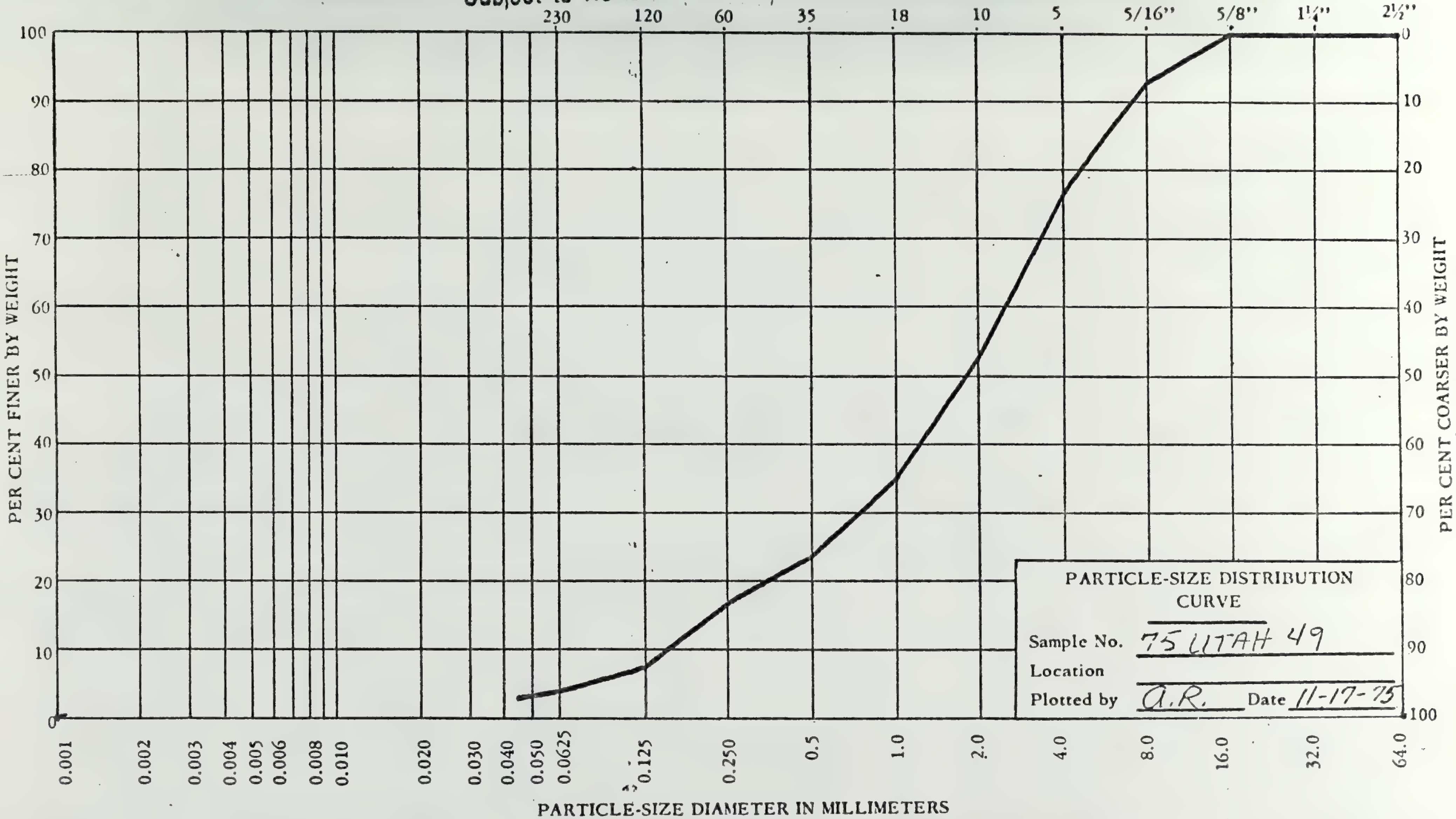

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 49
Location
Plotted by A.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	3.5		3.4	9.3	6.9	11.1	18.3	24.0	16.2	7.2	0	0

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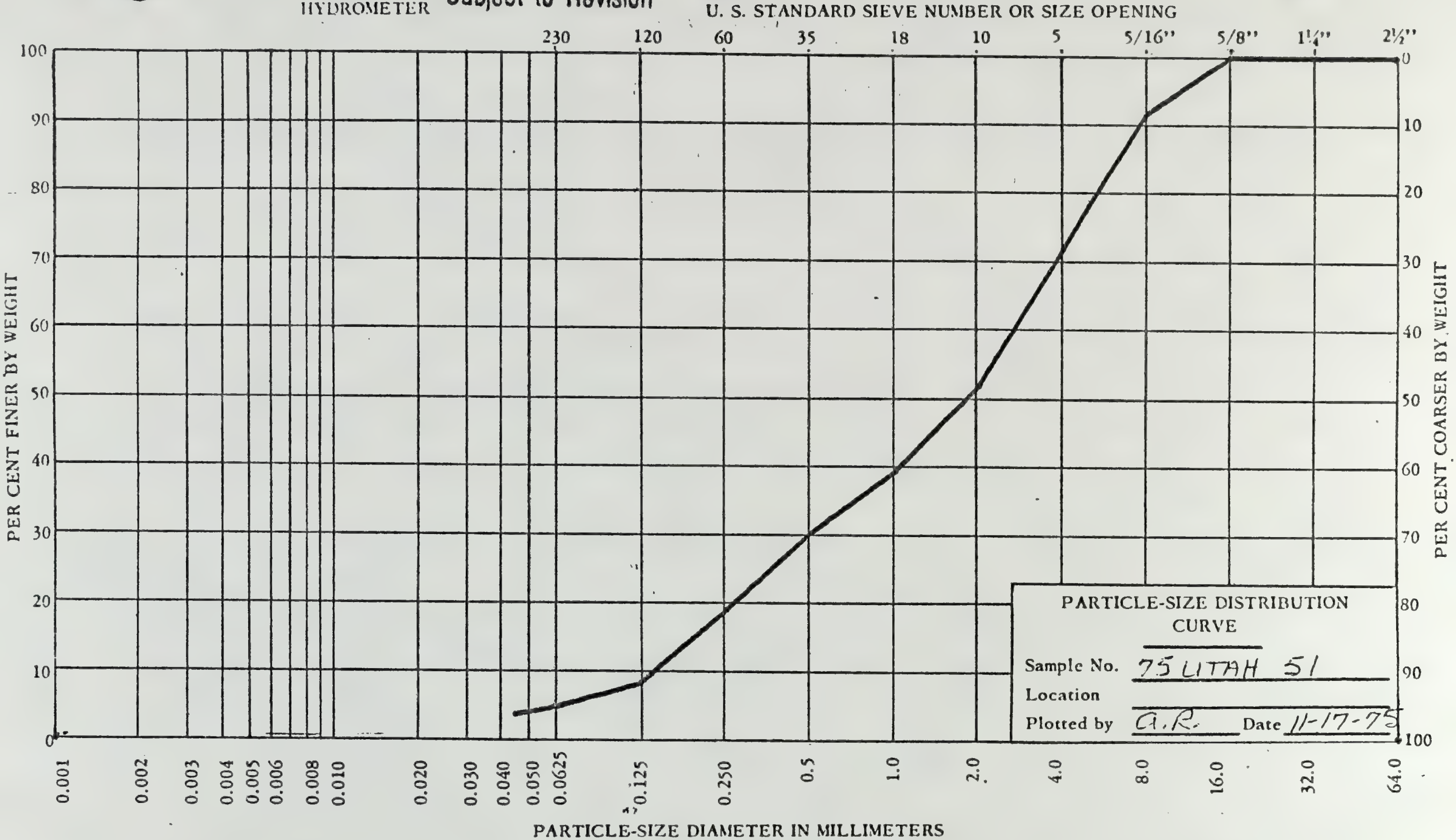
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 51
Location
Plotted by G.R. Date 11-17-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
	4.3		3.5	10.4	11.3	8.9	12.8	20.4	19.9	8.5	0	0

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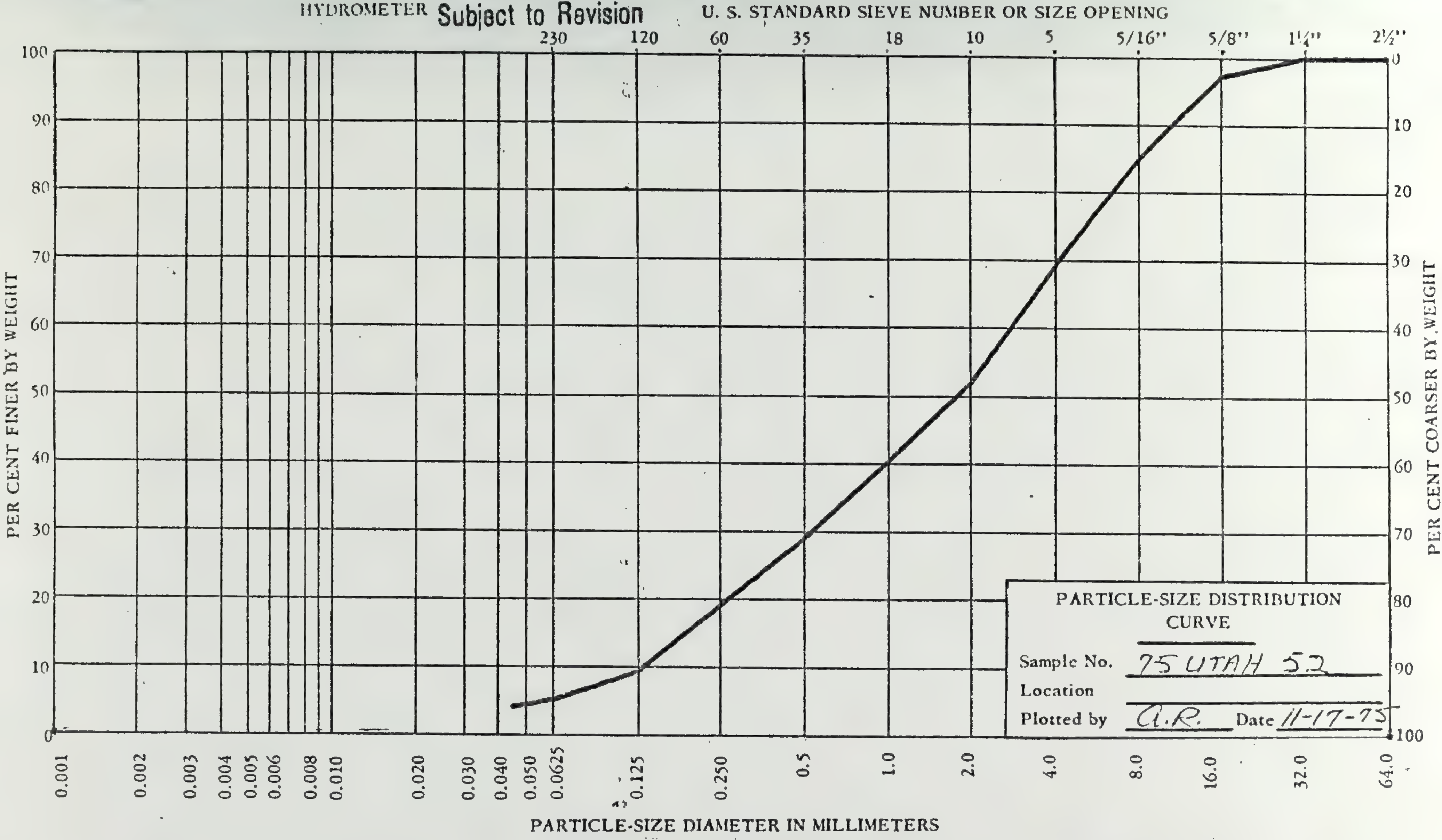
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 52
Location
Plotted by A.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	4.7		4.1	9.8	9.9	11.3	12.0	17.6	15.5	12.4	2.8	0

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Denver, Colorado

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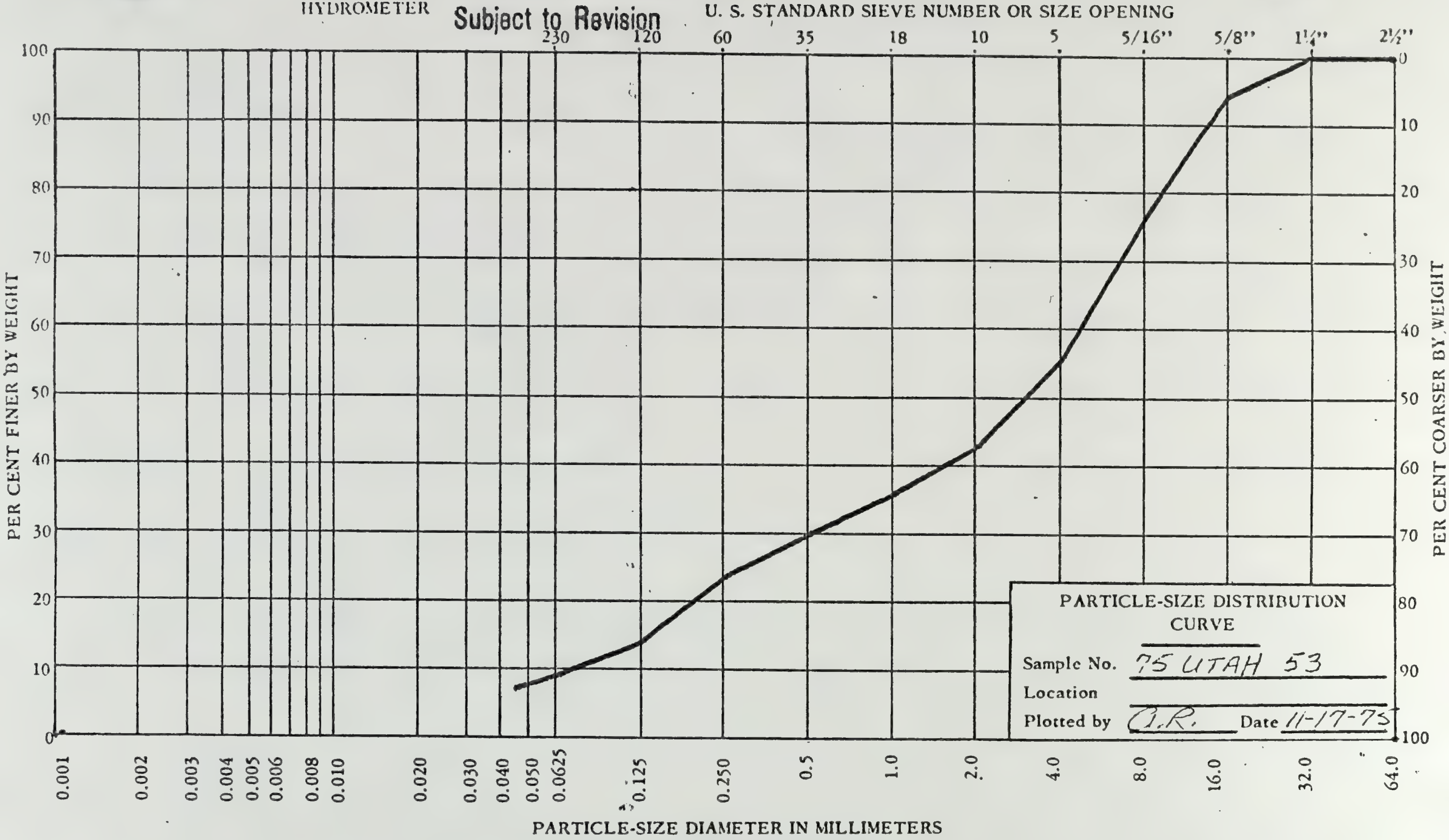

PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 75 UTAH 53

Location

Plotted by O.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	8.6		4.8	9.6	6.3	5.8	7.1	13.0	20.9	18.2	5.9	0

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Hydrologic Laboratory
Lakewood, Colorado

Statistical characteristics of grain-size analyses for samples 76UT10-21

Laboratory sample number	Median size (mm)	Sorting coefficient	Skewness	Kurtosis	Uniformity coefficient
76UT10	1.7	2.9	1.1	.23	13.
11	4.2	2.6	.71	.27	19.
12	.31	6.2	4.3	--	--
13	.73	5.0	.78	.19	28.
14	.93	3.3	1.2	.17	19.
15	.38	4.0	3.7	.18	6.2
16	1.1	4.8	.39	.23	41.
17	2.2	4.8	.31	.26	49.
18	2.6	4.6	.41	.26	37.
19	.25	5.7	4.9	--	--
20	.71	5.1	1.4	.21	25.
21	.44	3.0	3.0	$9.6X10^{-2}$	4.3

Unpublished Records
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Median $= d_{50}$

Sorting coefficient $= \sqrt{\dfrac{Q_3}{Q_1}}$

Skewness $= \dfrac{Q_1 \quad Q_3}{[\text{Median}]^2}$

Kurtosis $= \dfrac{Q_3 \quad -Q_1}{2(P_{90}-P_{10})}$

Uniformity coefficient sorting index $= \dfrac{d_{60}}{d_{10}}$

Person requesting analyses: Dan Finn
City & State Salt Lake City, UT
Proj. name & no.: Oil Shale Project #4649113
County:
Date samples received in lab: September 16, 1975
Latest date results needed: December 1975

SAMPLE-ANALYSIS REQUEST

HYDROLOGIC LABORATORY

WRD, U.S. GEOLOGICAL SURVEY

AND SUPPLEMENTARY DATA REQUIRED BY LABORATORY

Laboratory sample no. (Lab use)	Sample type 1/	Depth, ft.		Field number (if any)	Location (include well or station 15-digit site identifier based on lat.-long. number)	Geohydrologic unit 2/ & field description of sample material	Correlative information available 3/	HYDRAULIC CONDUCTIVITY(K)				OTHER ANALYSES 8/
		From	To					4/ Flow Direction	5/ Formation Water	6/ Water Table	7/ Potentiometric Surface	
76UT10	SC			1	09306400 7-10-75	Bed Material						<2mm dia. Xb + Xc >2mm dia. L
11	SC			2	09306405 7-10-75							
12				3	09306410 7-11-75							
13				4	09306415 7-11-75							
14				5	09306430 7-7-75							
15				6	09306500 7-9-75							
16				7	09306600 7-9-75							
17				8	09306605 7-10-75							
18				9	09306610 7-10-75							
19				10	09306620 7-10-75							

Person requesting analyses: Dan Finn
City & St: Salt Lake City, UT
Proj. name & no.: Oil Shale Project #4649113
County:
Date samples received in lab:
Latest date results needed: December 1975

SAMPLE-ANALYSIS REQUEST

HYDROLOGIC LABORATORY

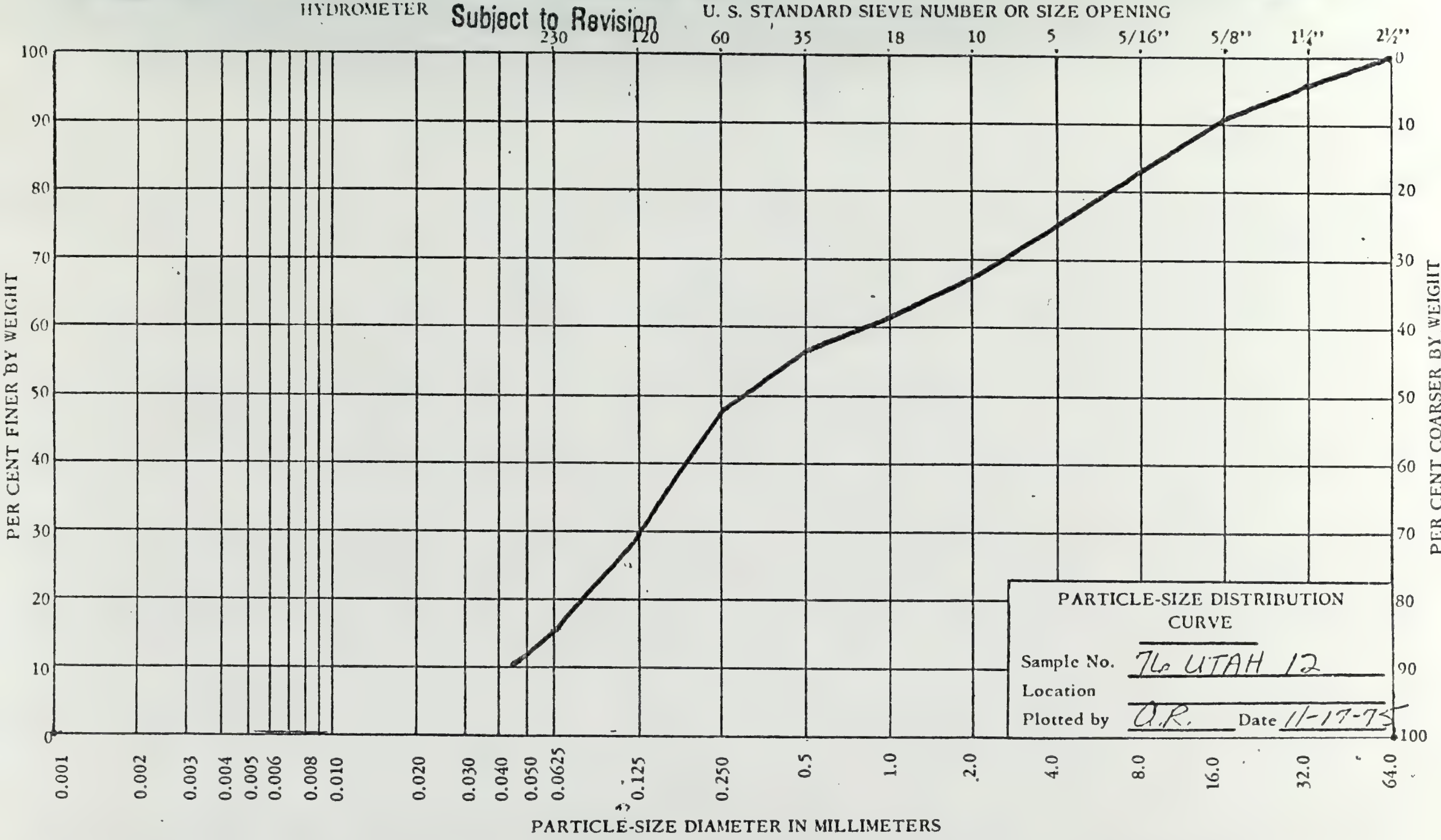
WRD, U.S. GEOLOGICAL SURVEY

AND SUPPLEMENTARY DATA REQUIR
BY LA ATORY

Laboratory sample no. (Lab use)	Sample type 1/	Depth, ft.		Field number (if any)	Location (include well or station 15-digit site identifier based on lat.-long. number)	Geohydrologic unit 2/ & field description of sample material	Correlative information available 3/	HYDRAULIC CONDUCTIVITY(K)				OTHER ANALYSES 8/
		From	To					Flow Direction 4/	Formation Water 5/	Water Table 6/	Potentiometric Surface 7/	
76UT20	Sc			11	7-8-75 09306625	Stream Bed Material						<2mm dia, Xb + Xc >2mm dia.
21	"			12	7-8-75 09306700	"						"

10AJ6 Hydrologic Laboratory
Denve olorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 76 UTAH 12

Location

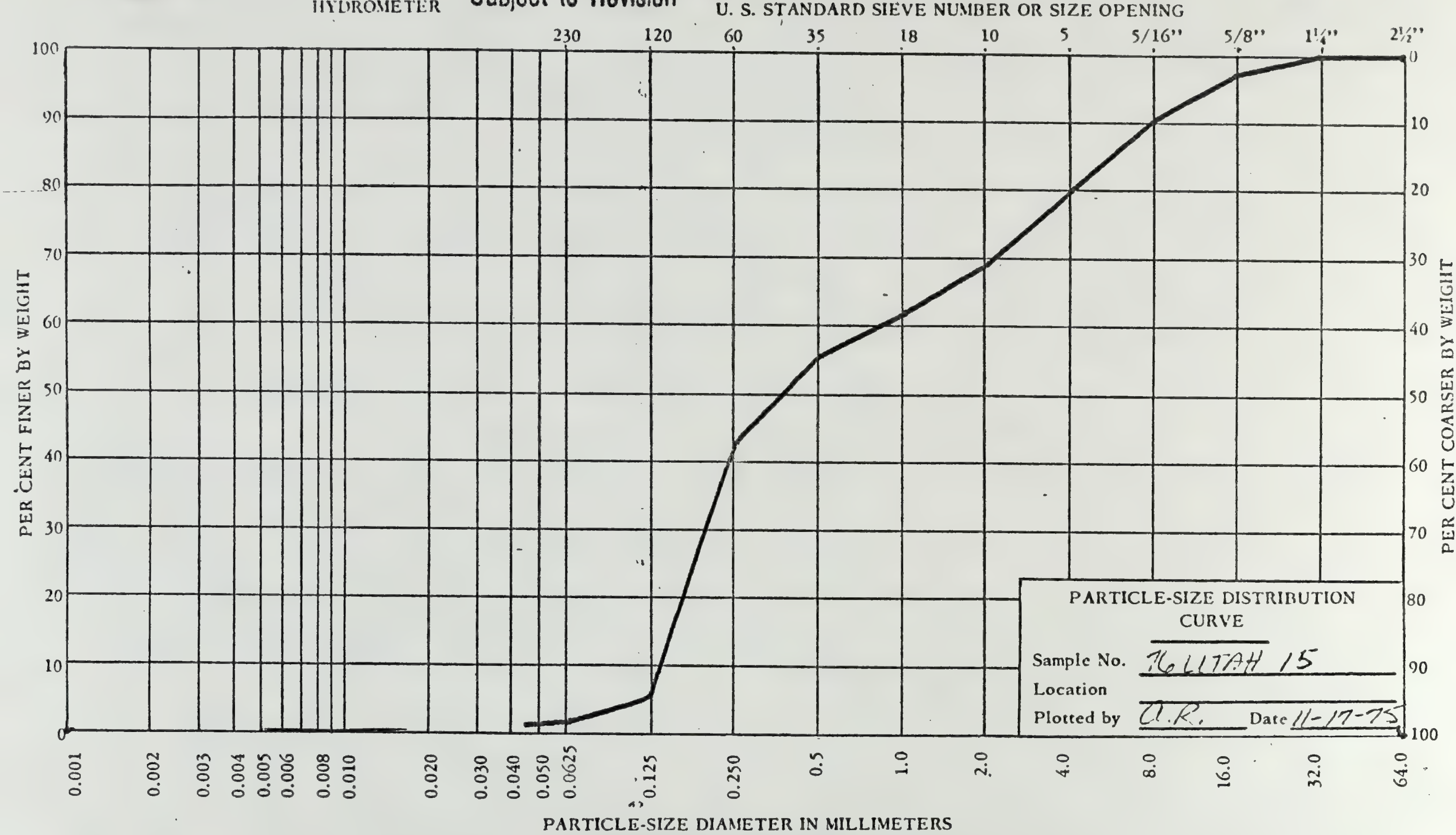
Plotted by O.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	14.8		14.0	18.5	8.9	5.0	6.0	7.8	7.9	7.9	4.9	4.2

GPO 840258

10AJ60 Hydrologic Laboratory
Denve olorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION
CURVE

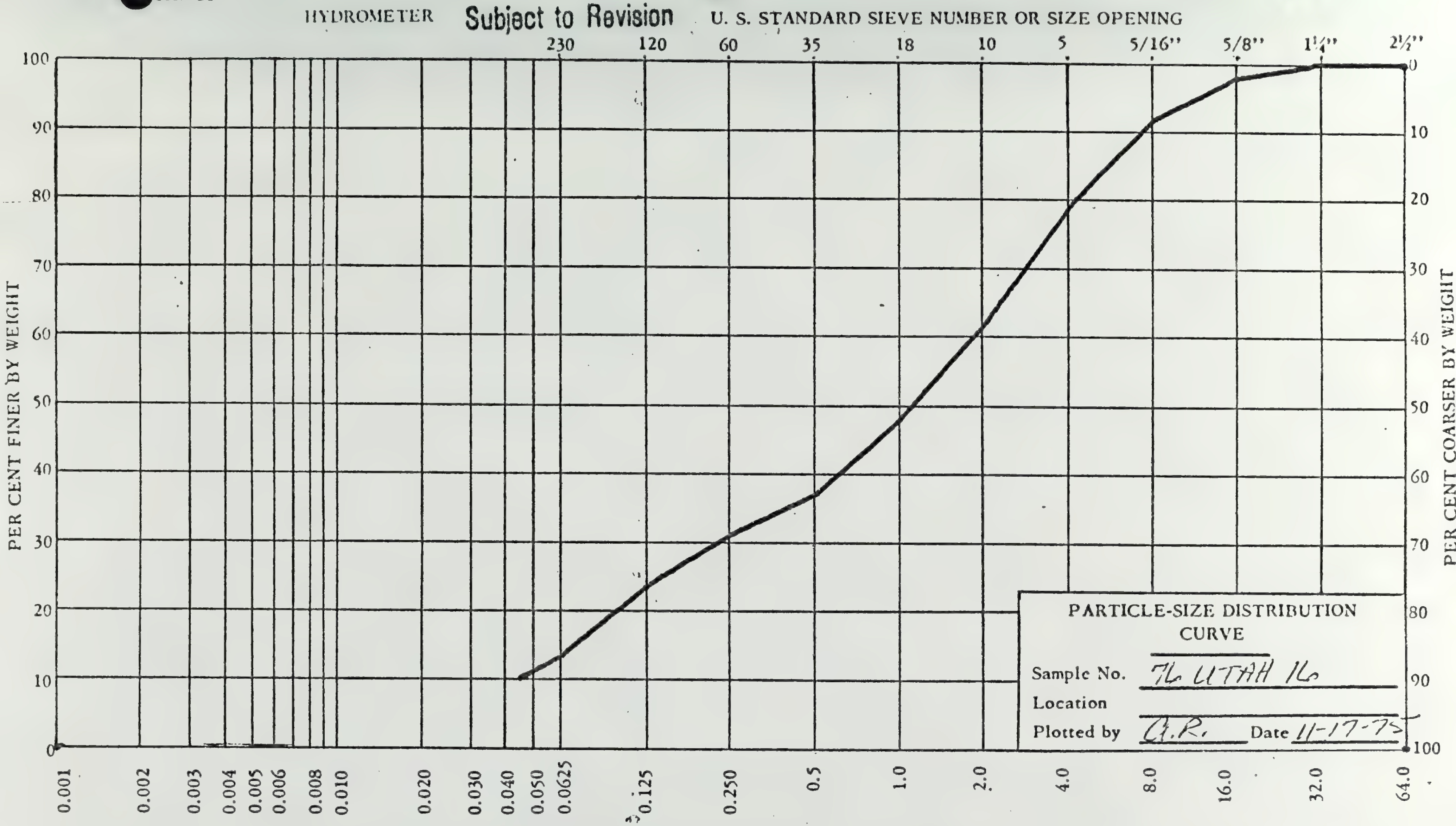
Sample No. 76 UTAH 15
Location
Plotted by O.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	1.2		3.7	37.2	13.0	6.3	7.5	10.9	10.6	6.9	2.7	0

GPO 840258

10AJ60 Hydrologic Laboratory
Denve olorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

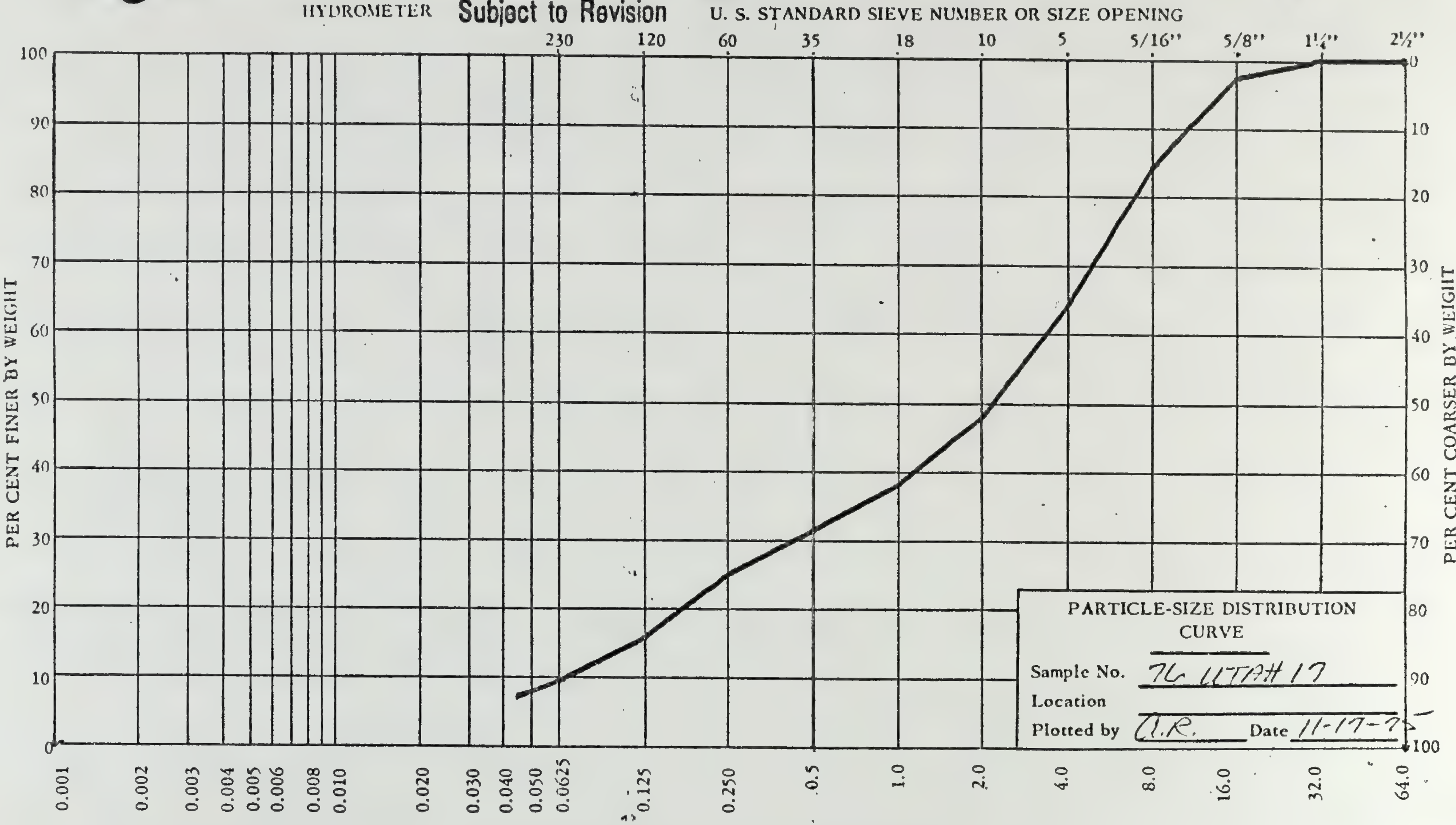
Sample No. 76 UTAH 16
Location
Plotted by C.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	13.2		10.1	7.5	5.8	11.0	14.2	17.3	12.8	6.3	1.9	0

GPO 840258

10AJ60a Hydrologic Laboratory
Denve olorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 76 UTAH 17
Location
Plotted by A.R. Date 11-17-7

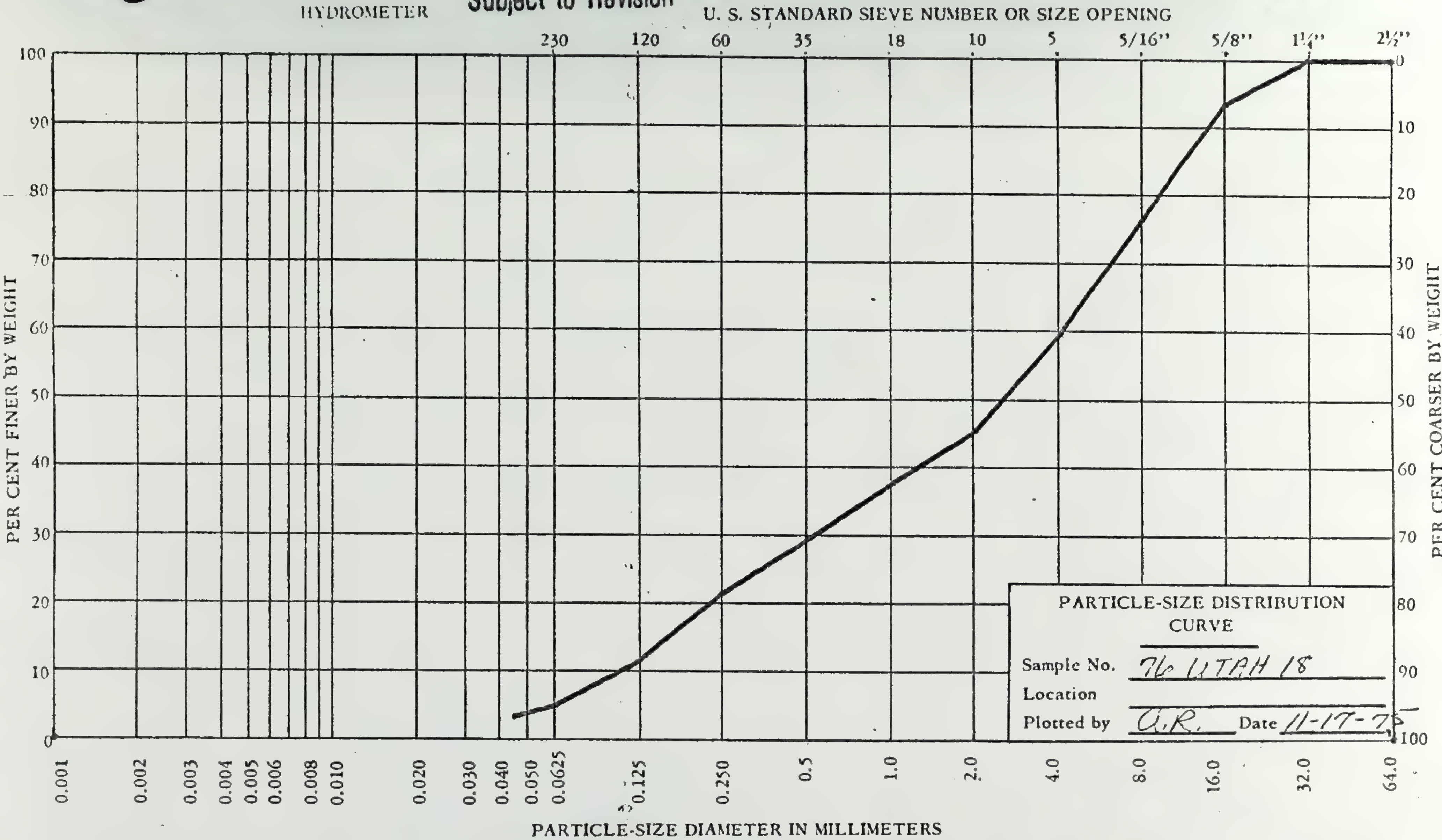
PARTICLE-SIZE DIAMETER IN MILLIMETERS

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	9.3		6.2	9.3	6.3	6.6	10.1	16.5	19.8	13.3	2.5	0

GPO 840258

10AJ60 Hydrologic Laboratory
Denve olorado

Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

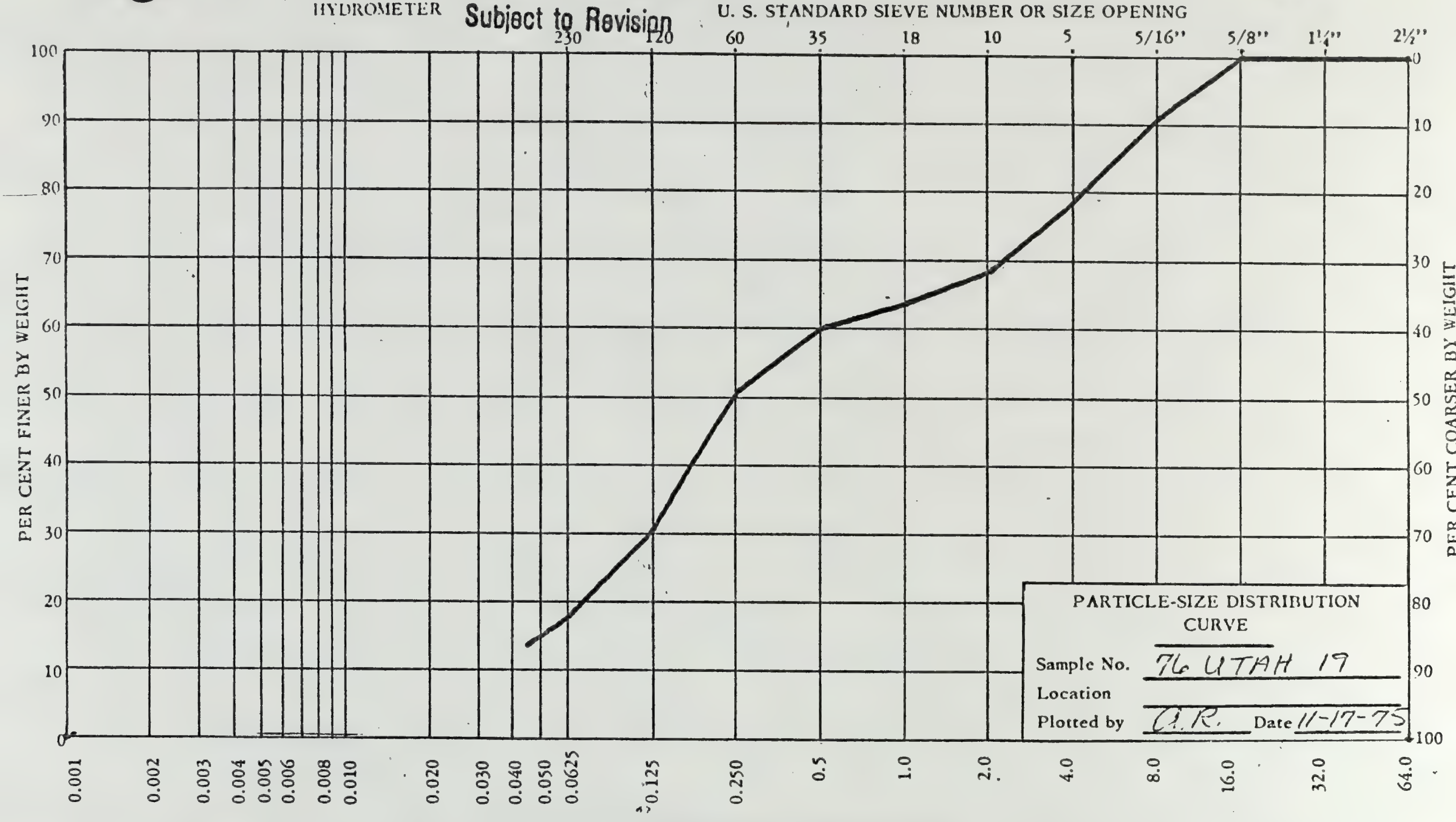
Sample No. 76 UTAH 18
Location
Plotted by C.R. Date 11-17-75

% OF SIZE	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
	4.6		6.5	10.0	7.8	8.2	7.9	14.5	16.9	17.3	6.5	0

GPO 840258

10AJ60a Hydrologic Laboratory
Denve olorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

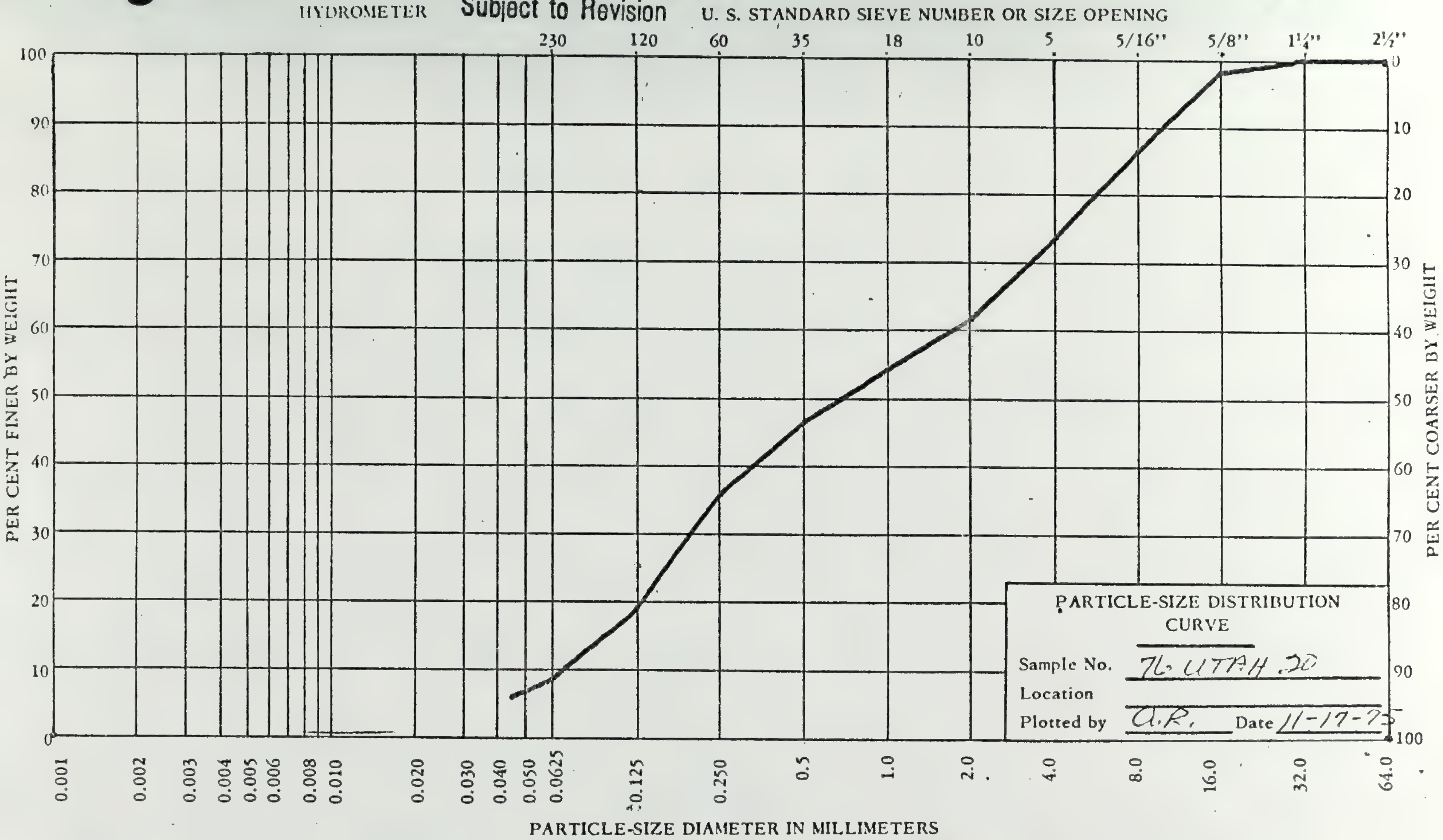
Sample No. 76 UTAH 17
Location
Plotted by A.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	17.2		12.7	20.4	9.5	3.7	4.8	10.4	12.1	9.2	0	0

GPO 840258

10AJ60a Hydrologic Laboratory
Denver, Colorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

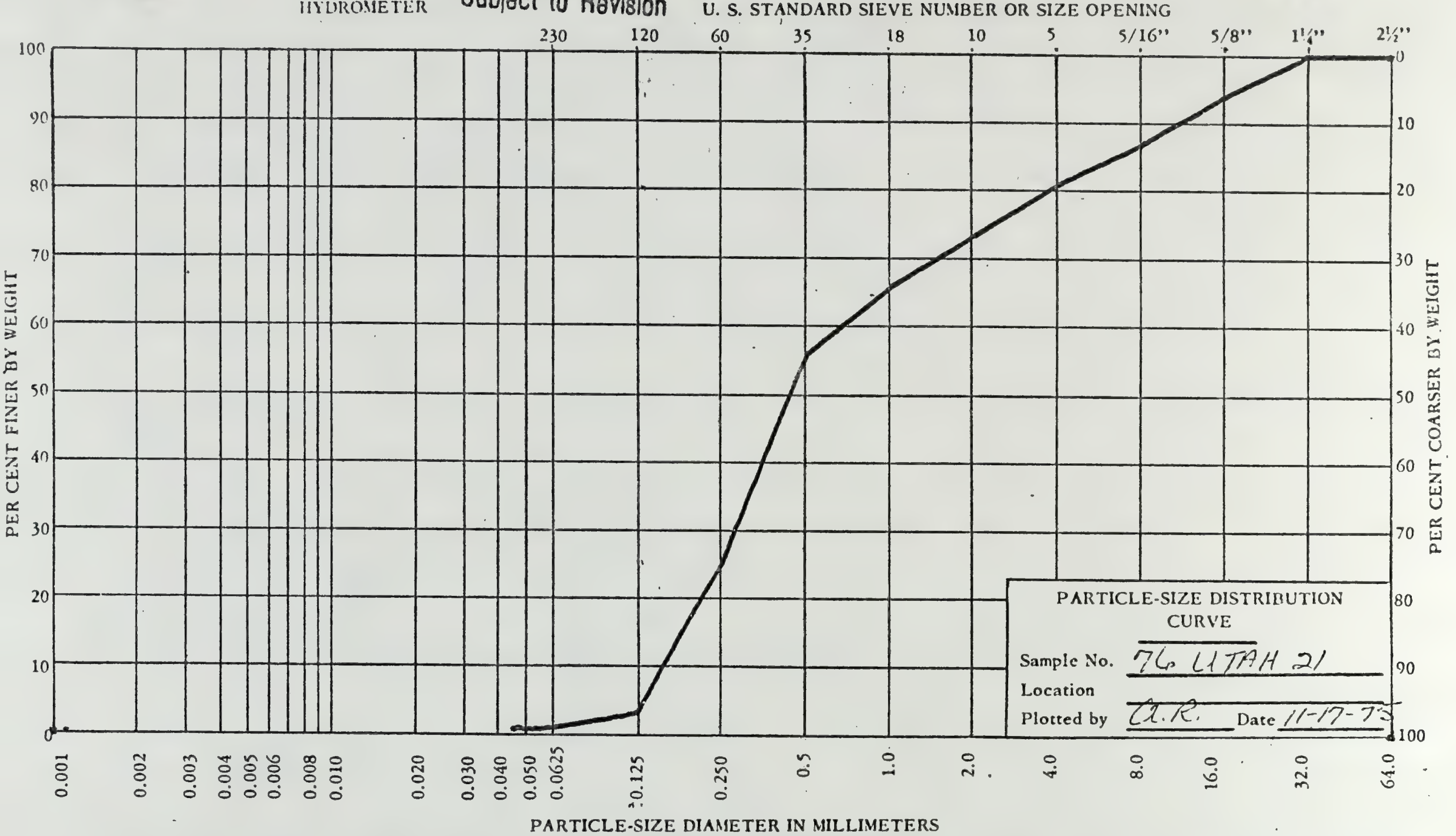
Sample No. 76 UTAH 30
Location
Plotted by A.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	8.2		10.0	17.1	10.6	7.9	7.7	12.0	12.6	12.1	1.8	0

GPO 840258

10AJ60a Hydrologic Laboratory
Denver, Colorado

Unpublished Records
Subject to Revision



PARTICLE-SIZE DISTRIBUTION CURVE

Sample No. 76 UTAH 21

Location

Plotted by C.R. Date 11-17-75

	CLAY SIZES	SILT SIZES	SAND SIZES					GRAVEL SIZES				
	< 0.004 mm	0.004 – 0.0625 mm	V. fine .0625-.125	Fine .125-.25	Medium .25-.5	Coarse .5-1	V.Coarse 1-2	V. fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	V.Coarse 32-64
% OF SIZE	.50		2.1	22.0	30.9	10.1	7.8	7.7	5.8	7.2	5.9	0

GPO 840258

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 20-13A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	TOTAL ACIDITY AS CACO3 (MG/L) (00435)	BICAR-BONATE (HCO3) (MG/L) (00440)
MAR., 1975												
25...	1215	12	--	7.1	40	5500	81	--	--	220	--	236
APR.												
29...	1110	--	--	8.0	9	5000	67	7.9	6.0	243	--	296
MAY												
28...	1110	9.5	--	13.0	15	4500	44	--	--	365	5.0	445
JULY												
21...	1120	10	--	32.2	10	5250	78	8.8	1.1	371	--	452
AUG.												
06...	1115	--	760243	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 2G-13A DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR- BONATE (CO3) (MG/L) (00445)	TOTAL FILT- RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L) (00608)	DIS- SOLVED NITRITE (N) (MG/L) (00613)	DIS- SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L) (00625)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS- SOLVED ORTHO PHOS- PHATE (PO4) (MG/L) (00660)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	DIS- SOLVED ORTHO. PHOS- PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
MAR., 1975 25...	16	4600	2	.05	.00	.16	1.3	.16	.00	.09	.00	35
APR. 29...	0	4900	1	.13	.02	.42	1.2	.44	.06	.14	.02	24
MAY 28...	0	--	2	.03	.03	.25	1.3	.28	.12	.13	.04	20
JULY 21...	0	--	1	.03	.01	.10	1.8	.11	.00	.21	.00	32
AUG. 06...	--	5000	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 2G-13A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
MAR., 1975												
25...	.0	990	770	130	160	930	13	67	13	63	2600	.5
APR.												
29...	.1	1300	1100	190	200	890	11	60	10	61	2800	.6
MAY												
28...	--	1200	870	180	190	860	11	60	9.5	56	2700	1.0
JULY												
21...	.0	1200	790	170	180	850	11	61	11	54	2500	1.0
AUG.												
06...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 20-13A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)
MAR., 1975 25...	9.3	1	<100	<10	1300	0	0	0	12	10	0	0
APR. 29...	9.3	2	0	0	1600	0	20	0	50	70	1	20
MAY 28...	8.7	1	0	0	1800	0	0	2	60	50	1	70
JULY 21...	8.3	1	--	--	2000	0	--	0	37	10	1	60
AUG. 06...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 20-13A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)
MAR., 1975												
25...	48	4	0	1800	.0	10	40	120	2	24	<.40	--
APR.												
29...	41	4	0	3100	1.3	10	30	130	3	31	.04	14
MAY												
28...	36	7	0	3300	.0	40	20	100	4	--	--	--
JULY												
21...	--	6	0	--	.0	20	--	120	--	--	--	--
AUG.												
06...	--	--	--	--	--	--	--	--	--	92	--	--

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 2G-13A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	TOTAL ACIDITY AS H+ (MG/L) (71825)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)
MAR., 1975 25...	4340	4040	5.90	--	.06	.71	.00	.0	5362
APR. 29...	4580	4310	6.23	--	.17	1.9	.07	.0	5362
MAY 28...	4430	4230	6.02	.1	.04	1.1	.10	.0	5362
JULY 21...	4380	4000	5.96	--	.04	.44	.03	.0	5362
AUG. 06...	--	--	--	--	--	--	--	--	5362

PROCESS DATE 02/02/76

395226109091202 - (D-11-25) 7DAC- 2G-13A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
MAR., 1975				
25...	21	.37	61	19
APR.				
29...	21	--	<68	25
MAY				
28...	21	--	--	--
JULY				
21...	21	--	--	--
AUG.				
06...	21	--	340	78

395515109094902 - (D-10-24)25BDD- 10-18A

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	TOTAL ACIDITY AS CACO3 (MG/L) (00435)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
MAR., 1975												
24...	1518	28	10.5	20	8000	68	--	--	1530	--	0	38
APR.												
29...	1240	--	7.3	2	3700	34	10.6	.0	66	--	60	10
MAY												
28...	1220	27	~~1369~~	9	5250	71	--	--	612	.0	746	0
JULY												
21...	--	27	--	8	5500	160	12.4	.0	767	--	0	37
AUG.												
06...	1115	27	12.5	20	4000	180	--	--	951	--	1160	--

PROCESS DATE 02/02/76

395515109094902 - (D-10-24)25BDD- 1G-18A DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
MAR., 1975												
24...	3000	3	.28	.00	.00	1.1	.00	.12	.05	.04	28	--
APR.												
29...	3100	2	.18	.33	1.5	.62	1.8	.03	.04	.01	17	--
MAY												
28...	--	3	.03	.60	.31	1.2	.91	.09	.11	.03	13	--
JULY												
21...	--	3	.50	.77	.16	1.8	.93	.00	.00	.00	60	136
AUG.												
06...	--	--	.38	.65	.45	3.4	1.1	.06	1.1	.02	50	757

PROCESS DATE 02/02/76

395515109094902 - (D-10-24)25BDD- 10-18A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
MAR., 1975												
24...	.2	1500	1400	580	.2	550	6.3	45	22	44	1000	.4
APR.												
29...	.0	700	640	260	12	640	11	66	12	45	1800	.2
MAY												
28...	.0	1000	420	410	1.0	640	8.7	57	18	46	1700	.3
JULY												
21...	.0	790	730	270	28	700	11	65	25	45	1400	.4
AUG.												
06...	.0	530	0	200	7.1	740	14	75	6.4	44	1200	.7

PROCESS DATE 02/02/76

395515109094902 - (D-10-24)25BDD- 10-18A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)
MAR., 1975												
24...	1.0	1	<100	<10	250	0	10	0	60	20	14	0
APR.												
29...	2.6	0	0	0	460	0	0	0	22	50	0	5
MAY												
28...	2.1	1	0	0	40	0	0	0	130	30	2	20
JULY												
21...	2.6	1	--	--	60	0	--	0	--	10	9	--
AUG.												
06...	.7	2	--	<10	70	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395515109094902 - (D-10-24)25BDD- 10-18A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)
MAR., 1975												
24...	250	3	0	2400	.0	10	30	100	4	<30	<.40	3220
APR.												
29...	75	0	0	2100	1.0	10	20	90	4	26	.01	2890
MAY												
28...	140	4	0	2200	1.9	40	50	110	2	--	--	3150
JULY												
21...	--	6	0	--	2.3	--	--	130	--	--	--	2960
AUG.												
06...	--	--	--	--	4.1	--	--	--	--	--	--	2740

PROCESS DATE 02/02/76

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WATER QUALITY DATA

DATE	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	TOTAL ACIDITY AS H+ (MG/L) (71825)	HY-DROX-IDE (OH) (MG/L) (71830)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)
MAR., 1975									
24...	2740	4.38	--	500	.36	.00	.00	.0	5253
APR.									
29...	2820	3.93	--	--	.23	6.5	1.1	.0	5253
MAY									
28...	3190	4.28	.0	--	.04	1.4	2.0	.0	5253
JULY									
21...	2750	4.03	--	240	.64	.71	2.5	.1	5253
AUG.									
06...	2780	3.73	--	--	.49	2.0	2.1	--	5253

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WATER QUALITY DATA

DATE	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
MAR., 1975				
24...	31	.04	<33	<25
APR.				
29...	31	.05	<39	21
MAY				
28...	31	--	--	--
JULY				
21...	31	--	--	--
AUG.				
06...	31	--	--	--

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395733109095401 - (D-10-24)12CDA- 1 P-1 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS FLOW RATE (GPM) (00059)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
NOV., 1974 20...	1050	--	--	14.1	--	--	--	5	5100	28	7.5	27
DEC. 17...	1100	--	752107	--	--	--	--	5	1810	17	--	--
MAR., 1975 18...	1100	--	752883	14.0	3.0	--	--	20	5200	37	7.8	13
MAY 13...	1540	--	753392	16.0	23.0	11	--	5	5100	30	7.6	22
JUNE 26...	1945	--	755088	14.8	--	--	--	8	4870	33	8.1	6.8
AUG. 17...	1330	440	760546	--	--	--	515	15	5170	45	--	--
30...	1030	8.0	760771	14.5	--	--	--	4	4600	33	7.6	18
NOV. 14...	1525	--	--	13.5	7.0	--	--	6	4750	40	7.3	44

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WATER QUALITY DATA

DATE	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	TOTAL NON-FILT-RABLE RESIDUE (MG/L) (00530)	OIL AND GREASE (MG/L) (00550)	TOTAL ORGANIC NITRO-GEN (N) (MG/L) (00605)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	AMMONIA NITRO-GEN (N) (MG/L) (00610)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)
NOV., 1974												
20...	445	543	0	4600	--	0	--	.32	--	.00	.00	.05
DEC.												
17...	249	303	0	1400	--	3	--	.96	--	.00	.00	.93
MAR., 1975												
18...	428	522	0	4800	--	4	--	.31	--	.00	.00	.63
MAY												
13...	447	545	0	4950	--	2	--	.33	--	.00	.00	.77
JUNE												
26...	440	536	0	4800	--	2	.65	.35	.35	.00	.02	1.0
AUG.												
17...	443	540	--	4800	32	6	--	1.2	--	.00	.00	.91
30...	372	453	0	--	--	1	--	.13	--	.01	.03	.76
NOV.												
14...	452	551	0	--	--	1	--	--	--	--	--	1.4

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WATER QUALITY DATA

DATE	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
NOV., 1974												
20...	.00	.00	.02	.00	11	.0	6.6	1100	690	170	170	930
DEC.												
17...	.00	.03	.00	.01	6.0	.0	.3	440	190	64	67	310
MAR., 1975												
18...	.00	.15	.02	.05	11	--	4.7	1200	790	170	190	910
MAY												
13...	.00	.03	.02	.01	9.2	--	.0	1200	770	170	190	910
JUNE												
26...	.02	.09	.02	.03	11	--	4.3	1200	780	170	190	910
AUG.												
17...	.00	.00	.05	.00	11	149	.6	1300	850	170	210	940
30...	.04	.00	.01	.00	2.3	169	.5	1200	870	180	190	940
NOV.												
14...	.01	--	.01	.01	21	113	4.8	1000	580	130	170	900

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WATER QUALITY DATA

DATE	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	DIS- SOLVED BARIUM (BA) (UG/L) (01005)	DIS- SOLVED BERYL- LIUM (BE) (UG/L) (01010)	DIS- SOLVED BISMUTH (BI) (UG/L) (01015)	DIS- SOLVED BORON (B) (UG/L) (01020)
NOV., 1974 20...	12	64	7.4	58	2400	1.0	12	18	<100	<10	<22	2400
DEC. 17...	6.5	61	2.4	38	780	.4	7.9	4	<100	<10	<25	640
MAR., 1975 18...	11	62	9.0	59	2700	.9	11	8	<100	<10	<25	2200
MAY 13...	11	62	6.3	56	2500	1.1	11	5	25	0	<30	2300
JUNE 26...	11	62	7.3	60	2500	1.2	12	3	32	<6	<24	2200
AUG. 17...	11	61	9.2	59	2700	1.2	10	1	30	<10	<25	2300
30...	12	62	8.9	59	2800	1.1	11	12	<200	<10	<25	2100
NOV. 14...	12	65	7.5	62	2400	1.1	11	6	0	0	--	1200

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WATER QUALITY DATA

DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
NOV., 1974												
20...	0	0	0	1	100	2	0	8	0	<1	6600	1.7
DEC.												
17...	0	<10	2	65	630	1	200	3	1	0	4300	.0
MAR., 1975												
18...	0	6	0	2	290	1	40	14	2	0	6500	.2
MAY												
13...	0	0	0	0	710	0	60	5	0	0	8700	.0
JUNE												
26...	0	<24	<24	<6	800	<24	70	3	<24	<3	7600	.0
AUG.												
17...	0	20	3	4	30	0	40	67	7	0	7200	2.1
30...	0	10	0	4	0	0	20	18	54	0	6900	.2
NOV.												
14...	0	<10	0	0	410	1	50	5	2	0	6300	.7

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WATER QUALITY DATA

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)
NOV., 1974												
20...	30	<22	10	<7	<22	160	0	<22	<33	<9.9	--	.35
DEC.												
17...	30	<27	30	<11	<27	190	0	<20	<35	7.1	--	.08
MAR., 1975												
18...	60	<25	<10	<11	<25	220	1	<25	<25	24	--	.50
MAY												
13...	30	<20	10	<10	<30	190	0	<10	<30	<18	--	.47
JUNE												
26...	20	<36	10	<11	<36	200	0	<11	<60	<31	--	<.40
AUG.												
17...	90	<25	0	<10	<25	210	0	<10	<50	<13	4.3	.38
30...	130	<25	30	<6	<25	170	0	<12	<40	--	--	--
NOV.												
14...	20	--	20	--	--	170	0	--	--	--	--	--

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WATER QUALITY DATA

DATE	DISSOLVED NATURAL URANIUM (U) (UG/L) (22703)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DISSOLVED SOLIDS (TONS PER DAY) (70302)	DISSOLVED SOLIDS (TONS PER AC-FT) (70303)	DISSOLVED AMMONIA (NH4) (MG/L) (71846)	DISSOLVED NITRATE (NO3) (MG/L) (71851)	DISSOLVED NITRITE (NO2) (MG/L) (71856)	DISSOLVED MERCURY (HG) (UG/L) (71890)
NOV., 1974									
20...	--	4430	4030	--	6.02	.41	.00	.00	.0
DEC.									
17...	2.1	1430	1430	--	1.94	1.2	.00	.00	<.1
MAR., 1975									
18...	--	4320	4320	--	5.88	.40	.00	.00	.0
MAY									
13...	9.5	4350	4130	--	5.92	.43	.00	.00	.0
JUNE									
26...	--	4470	4130	--	6.08	.45	.09	.00	.0
AUG.									
17...	--	4360	4380	6060	5.93	1.5	.00	.00	.0
30...	--	4450	4420	--	6.05	.17	.13	.03	.0
NOV.									
14...	--	4380	3970	--	5.96	0.4L	--	0.01	.0

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WATER QUALITY DATA

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)
NOV., 1974							
20...	5280	488	8.0	<38	--	<8.7	--
DEC.							
17...	5280	488	--	20	--	5.8	--
MAR., 1975							
18...	5280	488	12	<53	--	19	--
MAY							
13...	5280	488	--	<68	--	<15	--
JUNE							
26...	5280	488	11	<60	--	<25	--
AUG.							
17...	5280	488	11	<40	2.0	<11	3.6
30...	5280	488	--	--	--	--	--
NOV.							
14...	5280	488	--	--	--	--	--

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395614109111401 - (D-10-24)23BCA- 1 G-11　　DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS FLOW RATE (GPM) (00059)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)
NOV., 1974												
25...	1013	--	16.8	--	--	--	5900	19	7.5	38	610	744
DEC.												
13...	1459	752097	15.5	--	--	3	5600	310	7.5	37	603	735
MAY, 1975												
13...	1345	753391	19.0	22.0	6.7	--	6000	120	8.0	10	518	631
JUNE												
26...	1230	755086	17.5	--	--	15	6070	120	7.8	14	468	571
Dec. 12...	1240	--	15.5	--	--	--	4800	--	8.7	Sample submitted but not analyzed. EKP		

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WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
NOV., 1974												
25...	0	4800	5	2.6	.01	.00	2.7	.01	.06	.02	.02	8.0
DEC.												
13...	0	5100	1	2.9	.01	.01	2.8	.02	.00	.03	.00	12
MAY , 1975												
13...	0	4900	1	2.2	.00	.00	3.3	.00	1.2	.42	.40	12
JUNE												
26...	0	5200	12	2.5	.00	.02	3.1	.02	.18	.05	.06	11

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WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
NOV., 1974												
25...	9.3	62	750	140	64	140	1200	19	78	5.9	140	2600
DEC.												
13...	5.1	150	830	230	64	160	1200	18	76	3.4	110	2700
MAY , 1975												
13...	--	10	800	280	66	150	1200	19	77	4.1	78	2700
JUNE												
26...	--	100	920	460	67	180	1300	19	76	4.3	80	3000

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WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
NOV., 1974 25...	.9	26	3	<100	<10	<24	3800	0	0	0	1	20
DEC. 13...	1.0	27	1	<100	10	<75	4000	0	<10	2	0	70
MAY , 1975 13...	1.0	24	2	23	0	<35	3700	0	0	0	0	180
JUNE 26...	1.0	25	2	30	<6	<27	3700	0	<27	<27	<6	90

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DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
NOV., 1974												
25...	2	0	1	1	<1	11000	2.5	20	<24	0	<8	<24
DEC.												
13...	0	0	0	6	0	11000	1.6	20	<80	0	<35	<80
MAY , 1975												
13...	2	40	1	0	0	13000	.0	40	<25	10	<10	<35
JUNE												
26...	<27	40	0	<27	<3	13000	<27	10	<40	0	<13	<40

PROCESS DATE 02/02/76

395614109111401 - (D-10-24)23BCA- 1 G-11 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
NOV., 1974												
25...	960	0	<25	<37	<12	.18	--	4760	4630	6.47	3.3	.00
DEC.												
13...	990	0	<50	<100	<13	.22	<.4	4760	4800	6.47	3.7	.04
MAY , 1975												
13...	1000	0	<10	<35	<23	.13	--	4740	4570	6.45	2.8	.00
JUNE												
26...	920	0	<13	<60	37	<.40	--	4310	5060	5.86	3.2	.09

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                                                                                                   PROCESS DATE 02/02/76
                    395614109111401 -  (D-10-24)23BCA-  1 0-11                             DISTRICT CODE 49

                                             WATER QUALITY DATA

                                             ELEV.
                                            OF LAND                                 DIS-      DIS-
                          DIS_       DIS-   SURFACE    TOTAL       DIS-            SOLVED    SOLVED
                         SOLVED    SOLVED    DATUM     DEPTH      SOLVED           GROSS     GROSS
                        NITRITE   MERCURY    (FT.       OF       URANIUM           ALPHA      BETA
                         (NO2)      (HG)     ABOVE      WELL       (U)              AS      AS SR90
               DATE     (MG/L)    (UG/L)     MSL)       (FT)      (UG/L)          U-NAT.     /Y90
                        (71856)   (71890)   (72000)   (72008)    (80020)          (UG/L)    (PC/L)
                                                                                 (80030)   (80050)

              NOV., 1974
               25...      .03        .0     5400       650         .08              <53       <10
              DEC.
               13...      .03       <.1     5400       650        <.02              <57       <11
              MAY , 1975
               13...      .00        .0     5400       650         .05              <65       <18
              JUNE
               26...      .00        .0     5400       650         .33              <66        30
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PROCESS DATE 02/02/76

395707109093102 - (D-10-24)13ADB- 2 6-8A DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
19...	1500	--	12.5	--	10	5000	79	7.6	24	490	598	0
21...	1010	--	11.0	--	5	4900	39	7.2	63	511	623	0
DEC.												
10...	1635	752092	11.5	--	5	4750	30	--	--	499	608	0
MAR., 1975												
13...	0930	752819	11.5	.0	3	4800	24	7.6	23	468	571	0
NOV.												
12...	1400	--	10.5	4.0	--	4500	30	7.4	--	--	--	--
12...	1405	--	10.5	4.0	--	4500	--	7.4	--	--	--	--

395707109093102 - (D-10-24)13ADB- 2 G-8A

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
19...	4300	3	.06	.03	.13	.14	.16	.03	.65	.01	70	122
21...	4400	3	.14	.00	.02	1.3	.02	.00	.13	.00	14	9.8
DEC.												
10...	4400	2	.18	.01	.01	.58	.02	.06	.02	.02	14	.0
MAR., 1975												
13...	4600	3	.11	.00	.05	.37	.05	.12	.03	.04	11	--
NOV.												
12...	--	0	.08	.01	.01	1.0	.02	.03	.01	.01	24	103
12...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395707109093102 - (D-10-24)13ADB- 2 G-8A   DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974												
19...	.0	1200	720	200	170	740	9.3	57	8.1	57	2000	.9
21...	.0	1300	800	210	190	840	10	58	4.5	56	2400	1.2
DEC.												
10...	.8	1200	750	200	180	850	11	60	5.9	58	2300	1.2
MAR., 1975												
13...	.0	1300	820	200	190	830	10	58	8.6	59	2400	1.3
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76
395707109093102 - (D-10-24)13ADB- 2 G-8A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974												
19...	16	3	<100	<10	<20	2100	1	0	1	6	530	2
21...	15	19	<100	<10	<20	2000	0	0	0	1	720	4
DEC.												
10...	15	12	<100	<10	<64	2300	1	<10	4	1	700	0
MAR., 1975												
13...	14	22	<100	<10	<22	2300	0	25	1	3	310	1
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	20	<5	<21	1700	0	<20	<20	<5	4700	<20

PROCESS DATE 02/02/76

395707109093102 - (D-10-24)13ADB- 2 G-8A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED MAN- GANESE (MN) (UG/L) (01056)	DIS- SOLVED MOLYB- DENUM (MO) (UG/L) (01060)	DIS- SOLVED NICKEL (NI) (UG/L) (01065)	DIS- SOLVED SILVER (AG) (UG/L) (01075)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)	DIS- SOLVED VANA- DIUM (V) (UG/L) (01085)	DIS- SOLVED ZINC (ZN) (UG/L) (01090)	DIS- SOLVED TIN (SN) (UG/L) (01100)	DIS- SOLVED ALUM- INUM (AL) (UG/L) (01106)	DIS- SOLVED GALLIUM (GA) (UG/L) (01120)	DIS- SOLVED GER- MANIUM (GE) (UG/L) (01125)	DIS- SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
19...	230	64	1	<1	5500	2.6	20	<20	10	<7	<20	200
21...	140	39	3	<1	5600	3.1	30	<20	20	<7	<20	220
DEC.												
10...	130	48	1	0	5600	.0	70	<70	0	<27	<70	230
MAR., 1975												
13...	120	41	9	0	4500	.0	90	<22	<10	<10	<22	250
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
12...	170	90	<20	<2	4000	<20	60	<21	30	<10	<30	200

PROCESS DATE 02/02/76

395707109093102 - (D-10-24)13ADB- 2 G-8A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
19...	0	<20	<30	14	.06	--	3930	3500	5.34	.08	.58	.10
21...	0	<20	<32	19	.20	--	4320	4030	5.88	.18	.09	.00
DEC.												
10...	0	<45	<100	17	.17	11	4280	3920	5.82	.23	.04	.03
MAR., 1975												
13...	1	<22	<22	30	<.40	--	4200	3990	5.71	.14	.22	.00
NOV.												
12...	--	--	--	--	--	--	--	--	--	.10	.00	.03
12...	--	<20	<50	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395707109093102 - (D-10-24)13ADB- 2 G-8A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
19...	.0	5127	100	11	<48	12
21...	.0	5127	100	7.5	<49	16
DEC.						
10...	<.1	5127	100	--	58	14
MAR., 1975						
13...	.2	5127	100	16	62	24
NOV.						
12...	--	5127	100	--	--	--
12...	--	5127	100	--	--	--

395707109093101 - (D-10-24)13ADB- 1 G-8 DISTRICT CODE 49 PROCESS DATE 02/02/76

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
19...	1400	--	12.5	--	0	1130	4	--	--	216	26	117
DEC.												
17...	0120	--	--	--	0	1440	17	--	--	431	269	8
MAR., 1975												
12...	1600	752879	12.0	4.0	40	5300	760	7.7	28	728	887	0
NOV.												
12...	1445	--	12.0	5.0	11	5000	33 --	7.5	31	506	617	0

PROCESS DATE 02/02/76

395707109093101 - (D-10-24)13ADB- 1 G-8 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
19...	590	1	.06	.01	.02	.15	.03	.00	.05	.00	4.6	.0
DEC.												
17...	610	1	.05	.03	.00	.20	.03	.00	.04	.00	6.2	.0
MAR., 1975												
12...	5000	21	15	.01	.00	22	.00	.21	.24	.07	230	--
NOV.												
12...	--	0.0	.64	.00	--	1.8	.02	--	.01	.00	21	115

PROCESS DATE 02/02/76

395707109093101 - (D-10-24)13ADB- 1 0-8 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974 19...	.0	250	37	100	.7	72	2.0	38	6.8	36	200	.2
DEC. 17...	.4	300	66	120	.0	73	1.8	34	6.5	39	180	.3
MAR., 1975 12...	1.4	22	0	5.7	1.7	550	52	98	4.9	48	420	2.8
NOV. 12...	1.0	1200	710	170	190	920	12	62	7.5	67	2600	1.4

PROCESS DATE 02/02/76

395707109093101 - (D-10-24)13ADB- 1 G-8 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974												
19...	9.1	3	<100	<10	<3	190	0	0	1	5	50	1
DEC.												
17...	7.4	4	<100	10	<10	30	0	<10	3	38	20	7
MAR., 1975												
12...	9.8	12	<100	<10	<25	170	0	13	0	2500	550	100
NOV.												
12...	14	13	20	<6	<25	1800	0	<25	<25	<6	2600	<25

395707109093101 - (D-10-24)13ADB- 1 G-8

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
19...	0	16	5	<1	510	2.6	40	<3	100	<1	<3	0
DEC.												
17...	0	23	11	0	560	1.9	10	<11	290	<5	<10	30
MAR., 1975												
12...	10	54	7	0	220	15	10	<25	90	<10	<25	370
NOV.												
12...	50	50	<25	<3	5000	<25	10	<25	60	<10	<40	250

PROCESS DATE 02/02/76
395707109093101 - (D-10-24)13ADB- 1 G-8 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM. (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	HY-DROX-IDE (OH) (MG/L) (71830)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
19...	1	<3	<5	7.4	.15	494	556	.67	--	.08	.09	.03
DEC.												
17...	1	<8	<16	12	.09	563	636	.77	67	.06	.00	.10
MAR., 1975												
12...	0	<25	<25	16	<.40	1640	1510	2.23	--	19	.00	.03
NOV.												
12...	0	<20	<50	--	--	4530	4290	6.16	--	--	--	--

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                                                                                  PROCESS DATE 02/02/76
            395707109093101 -  (D-10-24)13ADB-  1  G-8                        DISTRICT CODE 49

                              WATER QUALITY DATA

                            ELEV.                             DIS-      DIS-
                            OF LAND                          SOLVED    SOLVED
                    DIS-    SURFACE   TOTAL       DIS-       GROSS     GROSS
                   SOLVED   DATUM     DEPTH      SOLVED      ALPHA      BETA
                  MERCURY    (FT.      OF       URANIUM       AS      AS SR90
                    (HG)    ABOVE     WELL        (U)       U-NAT.     /Y90
          DATE     (UG/L)    MSL)     (FT)      (UG/L)      (UG/L)    (PC/L)
                  (71890)  (72000)  (72008)    (80020)     (80030)   (80050)

         NOV., 1974
          19...        .0   5127      127          .01        13        5.9
         DEC.
          17...      <.1    5127      127        <.01       <6.2      <9.5
         MAR., 1975
          12...        .1   5127      127          8.7      <56        13
         NOV.
          12...        .0   5127      127           --        --        --
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PROCESS DATE 02/02/76

395359109093201 - (D-10-24)36DCD- 1 G-12 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (C0010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
19...	1600	--	10.3	--	20	3900	190	7.6	35	719	877	0
DEC.												
17...	1430	752106	--	--	20	4200	210	--	--	927	1130	0
NOV., 1975												
10...	1500	--	10.0	7.0	45	4900	98	7.6	81	1650	2010	0

PROCESS DATE 02/02/76

395359109093201 - (D-10-24)36DCD- 1 G-12 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
19...	3600	1	.30	.07	30	3.2	30	.12	1.4	.04	66	47
DEC.												
17...	3500	1	2.0	.65	15	7.7	16	.06	1.4	.02	59	3.4
NOV., 1975												
10...	--	1	.81	.09	--	3.6	11	.18	.03	.06	45	378

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WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974												
19...	.0	1400	730	180	240	470	5.4	41	13	71	1500	1.8
DEC.												
17...	.0	1100	190	100	210	700	9.1	57	11	100	1400	5.0
NOV., 1975												
10...	1.4	910	0	98	160	1100	16	72	11	99	1500	8.4

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WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974 19...	23	5	<100	<10	<17	6000	1	0	0	2	1200	0
DEC. 17...	14	5	<100	<10	<60	16000	0	<10	3	1	610	4
NOV., 1975 10...	20	50	0	20	--	24000	0	10	0	19	260	2

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WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
19...	140	260	6	<1	7700	6.4	20	<17	30	<6	<17	480
DEC.												
17...	120	240	2	0	5500	1.4	40	<65	0	<26	<65	510
NOV., 1975												
10...	70	200	26	0	4800	5.4	490	--	10	--	--	430

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WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
19...	22	<17	<25	22	.10	--	3310	3080	4.50	.39	130	.23
DEC.												
17...	15	<42	<90	23	.06	77	3290	3190	4.47	2.6	68	2.1
NOV., 1975												
10...	15	--	--	--	--	--	4020	4020	5.47	1.0	--	.30

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                                                                              PROCESS DATE 02/02/76
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                        WATER QUALITY DATA

                      ELEV.                             DIS-     DIS-
                     OF LAND                           SOLVED   SOLVED
              DIS-   SURFACE   TOTAL      DIS-         GROSS    GROSS
             SOLVED   DATUM    DEPTH     SOLVED        ALPHA     BETA
            MERCURY   (FT.       OF     URANIUM          AS    AS SR90
              (HG)    ABOVE     WELL      (U)         U-NAT.    /Y90
   DATE      (UG/L)    MSL)     (FT)     (UG/L)       (UG/L)   (PC/L)
            (71890)  (72000)  (72008)   (80020)      (80030)  (80050)

NOV., 1974
 19...          .1    5331       50        24           83       19
DEC.
 17...         <.1    5331       50        --          <20       20
NOV., 1975
 10...          .0    5331       50        --           --       --
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PROCESS DATE 02/02/76

395510109094901 - (D-10-24)25CAA- 1 G-14 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
21...	1200	--	10.3	--	10	3600	45	7.7	22	558	680	0
DEC.												
10...	1500	752091	10.5	--	5	3450	93	--	--	608	741	0
MAR., 1975												
12...	1330	752878	10.0	2.0	8	3300	110	8.0	12	633	772	0
NOV.												
11...	1145	--	10.5	6.5	8	3200	140	7.8	15	492	600	0
11...	1150	--	10.5	6.5	--	3200	--	7.8	--	--	--	--

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WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
21...	2900	6	1.3	.00	.03	1.6	.03	.12	.03	.04	16	9.0
DEC.												
10...	2800	2	1.4	.01	.00	1.6	.01	.09	.01	.03	39	.0
MAR., 1975												
12...	2900	5	1.2	.00	.01	1.4	.01	.15	.08	.05	14	--
NOV.												
11...	--	1	1.5	.00	--	3.1	.00	.06	.02	.01	33	141
11...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974												
21...	42	620	58	60	110	680	12	71	3.4	87	1400	.6
DEC.												
10...	52	600	0	52	110	680	12	72	2.3	90	1300	.8
MAR., 1975												
12...	66	530	0	41	100	640	12	73	3.5	86	1100	.7
NOV.												
11...	46	500	8	40	94	580	11	72	2.6	74	1100	.8
11...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

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WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974												
21...	27	48	<100	<10	<14	40	0	0	1	1	110	1
DEC.												
10...	27	20	100	<10	<40	3200	0	<10	2	1	60	1
MAR., 1975												
12...	27	24	13	<10	<15	3600	0	0	0	0	60	1
NOV.												
11...	27	13	0	0	--	1700	0	<10	0	0	120	2
11...	--	--	10	<3	<15	2300	0	<15	<15	<5	100	<15

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395510109094901 - (D-10-24)25CAA- 1 G-14 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
21...	20	4	3	1	11000	3.7	30	<14	0	<5	<14	1000
DEC.												
10...	10	5	8	0	11000	1.1	30	<45	0	<18	<45	1100
MAR., 1975												
12...	10	0	3	0	11000	.2	20	<15	<10	<7	<20	1400
NOV.												
11...	30	0	2	0	12000	3.9	30	--	0	--	--	1100
11...	30	<10	<15	<2	9000	<15	10	<15	40	<7	<20	1100

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WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
21...	0	<15	<22	<6.0	.34	--	2820	2760	3.84	1.7	.13	.00
DEC.												
10...	2	<30	<60	8.4	.25	1.9	2700	2700	3.67	1.8	.00	.03
MAR., 1975												
12...	0	<15	<30	<7.1	.50	--	2470	2460	3.36	1.5	.04	.00
NOV.												
11...	0	--	--	--	--	--	2370	2280	3.22	--	--	--
11...	--	<10	<30	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
21...	.0	5190	90	2.8	<17	<5.3
DEC.						
10...	<.1	5190	90	--	<24	7.5
MAR., 1975						
12...	.1	5190	90	.67	<32	<5.9
NOV.						
11...	.0	5190	90	--	--	--
11...	--	5190	90	--	--	--

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395635109101501 - (D-10-24)13CCC- 1 0-10 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	X TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA- LINITY AS CACO3 (MG/L) (00410)	BICAR- BONATE (HCO3) (MG/L) (00440)	CAR- BONATE (CO3) (MG/L) (00445)
NOV., 1974 22...	1000	--	14.2	--	5	5100	75	--	--	463	565	0
DEC. 13...	0955	752093	14.5	--	2	5000	32	7.3	46	470	573	0
MAR., 1975 14...	1530	752820	13.7	7.0	3	5510	27	7.6	22	453	552	0
NOV. 13...	1500	--	14.0	5.0	7	4750	29 21	7.4	36	460	561	0

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WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
22...	4700	2	.02	.08	.31	.49	.39	.09	.04	.03	34	.0
DEC.												
13...	5000	2	.10	.06	.20	.56	.26	.12	.01	.04	16	.0
MAR., 1975												
14...	5200	--	.03	.00	.10	.41	.11	.09	.00	.03	14	--
NOV.												
13...	--	0.0	.00	.02	--	.81	.18	.01	--	.00	9.5	112

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WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974												
22...	.0	1300	820	200	190	870	11	59	9.4	68	2500	.8
DEC.												
13...	.0	1300	860	200	200	940	11	61	7.1	71	2800	1.0
MAR., 1975												
14...	.2	1400	980	210	220	950	11	59	11	74	2800	1.1
NOV.												
13...	.2	1300	800	190	190	890	11	60	9.3	66	2600	1.0

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395635109101501 - (D-10-24)13CCC- 1 G-10 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974 22...	11	19	<100	<10	<22	3100	1	0	0	1	410	1
DEC. 13...	11	10	<100	10	<70	3300	0	<10	6	2	1100	0
MAR., 1975 14...	11	11	<100	<10	<25	3500	0	13	1	6	420	1
NOV. 13...	10	16	0	0	--	3200	1	10	2	3	600	0

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WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
22...	0	90	5	<1	4300	3.2	30	<22	10	<8	<22	150
DEC.												
13...	20	85	50	0	4400	.0	70	<70	0	<30	<70	190
MAR., 1975												
14...	20	62	8	0	4300	.2	120	<25	<10	<12	<25	210
NOV.												
13...	30	62	16	0	4300	1.4	70	--	10	--	--	140

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395635109101501 - (D-10-24)13CCC- 1 G-10 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
22...	2	<25	<34	24	.21	--	4530	4140	6.16	.03	1.4	.26
DEC.												
13...	1	<45	<100	15	.21	20	4580	4520	6.23	.13	.89	.20
MAR., 1975												
14...	2	<25	<25	40	<.40	--	4760	4560	6.47	.04	.44	.03
NOV.												
13...	4	--	--	--	--	--	4460	4240	6.07	--	--	--

395635109101501 - (D-10-24)13CCC- 1 G-10

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
22...	.0	5350	400	14	<67	21
DEC.						
13...	<.1	5350	400	--	<61	13
MAR., 1975						
14...	.1	5350	400	20	<71	32
NOV.						
13...	.0	5350	400	--	--	--

PROCESS DATE 02/02/76

395617109134401 - (D-10-24)20AAD- 1 P-2U DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS FLOW RATE (GPM) (00059)	INSTAN-TANEOUS DIS-CHARGE (CFS) (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
OCT., 1974												
18...	1201	--	--	--	--	--	--	--	2370	--	--	--
DEC.												
11...	1045	--	752096	14.5	--	--	--	3	2060	38	8.3	4.9
MAR., 1975												
13...	1300	--	752880	15.0	5.0	--	--	5	3500	27	8.0	9.2
MAY												
12...	1110	--	--	16.0	15.0	12	--	4	3700	16	7.9	12
JUNE												
24...	1300	123	755090	15.4	--	--	--	4	3000	12	8.4	4.0
JULY												
27...	1702	--	--	16.3	--	--	--	5	3600	11	8.5	3.3
AUG.												
18...	1402	141	760548	17.5	--	--	10	20	3500	10	8.0	10
19...	1106	263	760549	15.8	--	--	10	23	1810	10	8.3	5.0
NOV.												
13...	~~1240~~ 1115	--	--	~~14.0~~ [illegible]	~~4.0~~ [illegible]	--	--	~~6~~ 3	~~1800~~ [illegible]	~~10~~ [illegible]	~~9.7~~ [illegible]	~~2~~ 7.7

PROCESS DATE 02/02/76

395617109134401 - (D-10-24)20AAD- 1 P-2U

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WATER QUALITY DATA

DATE	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	TOTAL NON-FILT-RABLE RESIDUE (MG/L) (00530)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)
OCT., 1974												
18...	434	529	0	--	--	--	3.9	.04	.00	5.0	.00	.06
DEC.												
11...	496	605	0	1900	--	2	.53	.01	.00	.64	.01	.03
MAR., 1975												
13...	474	578	0	2900	--	5	1.8	.00	.01	1.8	.01	.15
MAY												
12...	492	600	0	2700	--	1	1.7	.00	.00	2.2	.00	.15
JUNE												
24...	514	627	0	2900	--	3	1.8	.00	.03	2.0	.03	.15
JULY												
27...	534	651	0	--	--	1	2.0	.01	.01	2.0	.02	.00
AUG.												
18...	516	629	0	2900	2	E0	1.6	.00	.00	1.5	.00	.00
19...	516	629	0	2800	2	0	1.8	.00	.00	1.9	.00	.03
NOV.												
13...	~~529~~ +11	~~387~~ [illegible]	~~127~~ 0	--	--	~~0~~ --	~~.59~~ --	~~.01~~ --	~~.00~~ --	~~.83~~ --	.01 --	~~.06~~ --

PROCESS DATE 02/02/76

395617109134401 - (D-10-24)29AAD- 1 P-2U DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	TOTAL SUL-FIDE (S) (MG/L) (00745)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT., 1974												
18...	.06	.02	--	--	--	6.3	210	0	30	32	460	14
DEC.												
11...	.03	.01	5.2	.0	--	18	180	0	20	30	450	15
MAR., 1975												
13...	.02	.05	4.1	--	--	14	230	0	29	37	790	23
MAY												
12...	.02	.05	3.3	--	18	4.4	240	0	27	41	770	22
JUNE												
24...	.02	.05	19	109	--	3.7	280	0	29	49	820	22
JULY												
27...	.03	.00	5.0	--	--	1.0	290	0	30	51	840	22
AUG.												
18...	.05	.00	3.0	257	--	2.6	280	0	28	50	850	22
19...	.04	.01	16	258	--	3.2	290	0	25	54	810	21
NOV.												
13...	~~.00~~ --	~~.02~~ --	~~14~~ --	~~105~~ --	~~--~~ 1.0	~~7.0~~ 1.0	~~80~~ [illegible]	0	~~5.1~~ [illegible]	~~16~~ [illegible]	~~410~~ [illegible]	20

PROCESS DATE 02/02/76

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WATER QUALITY DATA

DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)
OCT., 1974												
18...	83	3.3	36	730	.9	18	19	--	--	--	360	--
DEC.												
11...	85	2.1	76	540	1.1	18	13	<100	<10	<23	1100	0
MAR., 1975												
13...	88	3.1	82	1300	.8	20	25	45	<10	<15	320	0
MAY												
12...	88	2.2	64	1300	.5	20	10	30	0	<20	340	0
JUNE												
24...	87	1.8	70	1400	.5	22	24	25	<4	<16	330	0
JULY												
27...	86	11	59	1500	.4	21	1	<100	<10	--	330	0
AUG.												
18...	87	2.7	56	1500	.4	20	1	<100	<10	<17	320	0
19...	86	2.2	47	1400	.4	19	16	20	<10	<16	280	0
NOV.												
13...	~~92~~ 87	~~1.8~~ 2.0	~~33~~ 53	~~440~~ 1500	~~1.2~~ [illegible]	~~3.3~~ 17	~~2~~ 3	~~0~~ 100	20	--	~~580~~	0

PROCESS DATE 02/02/76

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DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
OCT., 1974												
18...	--	--	0	90	--	--	--	--	--	3100	--	80
DEC.												
11...	<10	2	0	90	0	130	14	16	0	2600	1.2	0
MAR., 1975												
13...	13	0	0	160	1	60	29	2	0	4000	1.2	20
MAY												
12...	0	1	0	280	2	60	11	1	0	4500	.0	30
JUNE												
24...	<16	<16	7	170	<16	30	11	<16	<2	4700	.4	30
JULY												
27...	0	0	3	10	1	30	57	4	0	5100	1.0	10
AUG.												
18...	10	2	4	20	1	40	38	0	0	4700	1.7	10
19...	0	1	4	100	0	20	74	0	0	4600	1.9	10
NOV.												
13...	<10	0	0	~~50~~ 40	~~0~~ 1	40	~~4~~ 34	2	0	~~950~~ [illegible]	~~.2~~ .7	~~0~~ 20

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395617109134401 - (D-10-24)20AAD- 1 P-2U DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)
OCT., 1974												
18...	--	--	--	--	240	0	--	--	--	--	--	--
DEC.												
11...	<23	0	<10	<24	270	0	<15	<30	5.0	--	.12	1.0
MAR., 1975												
13...	<15	10	<7	<15	330	1	<15	<15	<7.8	--	<.40	--
MAY												
12...	<15	10	<7	<20	310	0	<8	<20	<14	--	.13	--
JUNE												
24...	<24	30	<8	<24	300	0	<8	<35	<19	--	<.40	--
JULY												
27...	--	30	--	--	300	0	--	--	--	--	--	--
AUG.												
18...	<17	10	<8	<17	370	0	<8	<35	<11	<.4	.14	--
19...	<16	10	<8	<16	360	0	<8	<35	<11	<.4	.09	--
NOV.												
13...	--	~~0~~ 10	--	--	~~230~~ 300	-0	--	--	--	--	--	--

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395617109134401 - (D-10-24)20AAD- 1 P-2U

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WATER QUALITY DATA

DATE	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER DAY) (70302)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)
OCT., 1974									
18...	1630	1590	--	2.22	5.0	.00	.13	.0	5040
DEC.									
11...	1460	1460	--	1.99	.68	.00	.03	<.1	5040
MAR., 1975									
13...	2630	2570	--	3.58	2.3	.04	.00	.1	5040
MAY									
12...	2670	2530	--	3.63	2.2	.00	.00	.0	5040
JUNE									
24...	2780	2710	--	3.78	2.3	.13	.00	.0	5040
JULY									
27...	2820	2840	--	3.84	2.6	.04	.03	.0	5040
AUG.									
18...	2850	2830	77.0	3.88	2.1	.00	.00	.0	5040
19...	2730	2680	73.7	3.71	2.3	.00	.00	.0	5040
NOV.									
13...	~~1210~~ 2810	~~1240~~ [illegible]	--	~~1.65~~ 3.82	~~.76~~ --	~~.00~~ --	~~.03~~ --	.0	5040

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                                                                                    PROCESS DATE 02/02/76
395617109134401 -  (D-10-24)20AAD-  1 P-2U                                  DISTRICT CODE 49

                                WATER QUALITY DATA

                                   DIS-      SUS-      DIS-      SUS-
                                 SOLVED    PENDED    SOLVED    PENDED
                 TOTAL     DIS-   GROSS     GROSS     GROSS     GROSS
                 DEPTH   SOLVED   ALPHA     ALPHA      BETA      BETA
                   OF   URANIUM     AS        AS     AS SR90   AS SR90
                  WELL     (U)    U-NAT.    U-NAT.     /Y90      /Y90
       DATE       (FT)   (UG/L)   (UG/L)    (UG/L)    (PC/L)    (PC/L)
                (72008)  (80020)  (80030)   (80040)   (80050)   (80060)

      OCT., 1974
       18...     317        --        --        --        --        --
      DEC.
       11...     317        --      <16         --       4.4        --
      MAR., 1975
       13...     317       .26      <32         --      <6.4        --
      MAY
       12...     317       .24      <27         --     <11          --
      JUNE
       24...     317       .43      <30         --     <15          --
      JULY
       27...     317        --        --        --        --        --
      AUG.
       18...     317       .38      <31        <.4      <8.6       <.4
       19...     317       .30      <37        <.4      <8.8       <.4
      NOV.
       13...     317        --        --        --        --        --
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NOTE! THIS SAMPLE IS P-2L

PROCESS DATE 02/02/76

395548109080701 - (D-10-25)19DDA- 1 P-4

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA- LINITY AS CACO3 (MG/L) (00410)	BICAR- BONATE (HCO3) (MG/L) (00440)
MAY , 1975												
15...	1612	300	753433	15.3	--	20	1720	260	10.9	.0	500	522
JUNE												
26...	--	--	755089	14.5	--	30	1600	190	10.7	.0	509	621
NOV.												
12...	1145	--	--	13.5	.0	--	1630	150	9.0	--	--	--
12...	1150	--	--	13.5	.0	--	1630	--	9.0	--	--	--

PROCESS DATE 02/02/76
395548109080701 - (D-10-25)19DDA- 1 P-4 DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
MAY , 1975												
15...	43	1200	1	2.8	.00	.00	4.3	.00	.46	.17	.15	57
JUNE												
26...	0	1100	4	2.5	.01	.00	3.9	.01	.40	.19	.13	49
NOV.												
12...	--	--	1	3.5	.01	.00	4.7	.01	.61	.23	.20	57
12...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

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DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
MAY , 1975												
15...	--	4.8	110	0	8.1	21	360	15	87	4.5	230	76
JUNE												
26...	--	10	120	0	9.3	22	350	14	87	3.9	220	86
NOV.												
12...	112	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

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WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
MAY , 1975												
15...	2.4	15	400	170	0	<6	5200	0	0	0	1	110
JUNE												
26...	2.2	18	950	200	<2	<8	5100	0	<8	<8	2	75
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	400	<2	<7	5000	0	<7	<7	<2	150

PROCESS DATE 02/02/76

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DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
MAY , 1975												
15...	2	20	100	1	0	3800	2.1	30	<6	20	<3	<6
JUNE												
26...	<8	15	80	<8	<1	4600	<8.0	10	<11	40	<4	<11
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
12...	<7	<7	280	30	<1	5000	<7.0	20	<7	40	<4	<10

PROCESS DATE 02/02/76

395548109080701 - (D-10-25)19DDA- 1 P-4 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED LITHIUM (LI) (UG/L) (01130)	DIS- SOLVED SELE- NIUM (SE) (UG/L) (01145)	DIS- SOLVED TI- TANIUM (TI) (UG/L) (01150)	DIS- SOLVED ZIR- CONIUM (ZR) (UG/L) (01160)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)
MAY , 1975												
15...	680	0	<3	<9	10	<.40	1090	1040	1.48	3.6	.00	.00
JUNE												
26...	680	0	<4	<16	<10	<.40	1060	1040	1.44	3.2	.00	.03
NOV.												
12...	--	--	--	--	--	--	--	--	--	4.5	.00	.03
12...	670	--	<5	<20	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395548109080701 - (D-10-25)19DDA- 1 P-4 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
MAY , 1975						
15...	.0	5600	1176	.66	<15	8.1
JUNE						
26...	.0	5600	1176	1.2	<15	<8.2
NOV.						
12...	--	5600	1176	--	--	--
12...	--	5600	1176	--	--	--

PROCESS DATE 02/02/76

395035109074002 - (D-11-25)21CCA- 2G-16A DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)
NOV., 1974												
26...	1530	5.0	752100	12.4	--	5	1380	10	9.9	.2	817	753
DEC.												
10...	0915	--	752101	10.5	--	0	1350	8	--	--	758	703
MAR., 1975												
11...	0900	--	752874	11.5	3.0	3	1350	7	9.3	.7	717	594
NOV.												
11...	1330	--	--	12.0	5.0	2	1300	--	9.4	.6	760	720
11...	1335	--	--	12.0	5.0	--	1300	--	9.4	--	--	--

PROCESS DATE 02/02/76

395035109074002 - (D-11-25)21CCA- 2G-16A DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
NOV., 1974												
26...	120	940	1	.90	.00	.10	1.2	.10	.25	.13	.08	4.2
DEC.												
10...	109	910	1	.91	.00	.02	.93	.02	.34	.15	.11	4.1
MAR., 1975												
11...	138	1400	4	.71	.00	.01	.72	.01	.25	.09	.08	3.1
NOV.												
11...	102	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395035109074002 - (D-11-25)21CCA- 2G-16A DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
NOV., 1974												
26...	.0	2.6	5	0	1.9	.1	430	82	99	.6	10	20
DEC.												
10...	.0	.2	3	0	1.1	.0	340	89	100	.5	6.8	3.5
MAR., 1975												
11...	--	.4	7	0	.7	1.3	340	56	99	.7	7.0	5.0
NOV.												
11...	--	.2	2	0	.7	.1	350	104	100	.5	6.8	1.3
11...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395035109074002 - (D-11-25)21CCA- 2G-16A

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
NOV., 1974 26...	1.0	8.9	1	100	<10	<6	480	0	<10	3	3	70
DEC. 10...	1.0	8.8	0	100	<10	<7	420	0	<10	1	1	50
MAR., 1975 11...	.9	8.1	0	65	<2	<7	300	0	6	1	2	40
NOV. 11...	1.1	7.9	0	100	0	--	400	0	<10	0	14	50
11...	--	--	--	40	<2	<6	240	0	<7	<7	<2	70

PROCESS DATE 02/02/76

395035109074002 - (D-11-25)21CCA- 2G-16A DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
NOV., 1974												
26...	0	0	0	1	0	50	.0	10	<6	0	<3	<6
DEC.												
10...	0	0	0	18	0	50	.0	0	<7	0	<3	<7
MAR., 1975												
11...	0	10	0	0	0	60	.2	30	<7	10	<3	<10
NOV.												
11...	0	5	0	1	0	80	.0	20	--	0	--	--
11...	<7	<7	<5	<7	<1	40	<7.0	0	<6	20	<3	<10

395035109074002 - (D-11-25)21CCA- 2G-16A

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
26...	120	0	<5	<10	<2.9	.21	855	969	1.16	1.2	.44	.00
DEC.												
10...	110	0	<5	<10	<2.7	.14	826	820	1.12	1.2	.09	.00
MAR., 1975												
11...	130	0	<7	<13	<4.0	<.40	835	797	1.14	.91	.04	.00
NOV.												
11...	100	0	--	--	--	--	841	826	1.14	--	--	--
11...	100	--	<5	<10	--	--	--	--	--	--	--	--

395035109074002 - (D-11-25)21CCA- 2G-16A

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
26...	<.1	5560	193	<.01	<10	<2.3
DEC.						
10...	<.1	5560	193	<.01	<9.8	<2.2
MAR., 1975						
11...	.1	5560	193	.04	<16	<3.3
NOV.						
11...	.0	5560	193	--	--	--
11...	--	5560	193	--	--	--

PROCESS DATE 02/02/76

395617109134402 - (D-10-24)20AAD- 2 P-2L

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS FLOW RATE (GPM) (00059)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)
OCT., 1974												
19...	1201	--	--	--	--	--	--	2050	--	--	--	536
NOV.												
27...	1330	--	--	14.7	--	--	0	300	8	9.2	.6	526
MAR., 1975												
13...	1430	--	752881	15.0	7.0	--	40	2050	97	8.9	1.5	606
MAY												
12...	1310	--	753390	16.0	17.0	13	3	2000	92	8.8	2.8	892
JUNE												
24...	--	183	755083	15.0	--	--	10	2040	100	10.3	.1	700
SEP.												
11...	1400	--	--	16.0	--	--	2	2200	87	8.2	4.5	368
12-17	--	--	--	16.0	--	--	2	1800	81	8.0	8.0	413
NOV.												
13...	~~1115~~	--	--	~~13.5~~ [illegible]	~~2.0~~ [illegible]	--	~~3~~ 6	~~3600~~ [illegible]	~~4~~ [illegible]	~~8.1~~ [illegible]	~~7.7~~ .2	~~499~~ [illegible]

PROCESS DATE 02/02/76
395617109134402 - (D-10-24)20AAD- 2 P-2L DISTRICT CODE 49

WATER QUALITY DATA

DATE	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)
OCT., 1974												
19...	550	51	--	--	1.9	--	--	2.7	.07	.15	.16	.05
NOV.												
27...	572	34	1600	1	.46	.00	.02	.58	.02	.03	.02	.01
MAR., 1975												
13...	644	47	1500	4	.55	.00	.01	.51	.01	.09	.02	.03
MAY												
12...	978	54	2200	2	.43	.00	.00	.80	.00	.15	.02	.05
JUNE												
24...	470	189	1400	--	.45	.01	.03	.91	.04	.28	.09	.09
SEP.												
11...	449	0	--	1	1.0	.00	.00	1.1	.00	.03	.02	.01
12-17	503	0	--	4	.94	.00	.00	1.1	.00	.12	.02	.04
NOV.												
13...	608	~~0~~	--	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~	~~--~~

PROCESS DATE 02/02/76
395617109134402 - (D-10-24)20AAD- 2 P-2L DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)
OCT., 1974												
19...	--	--	55	150	0	20	23	420	15	86	2.5	55
NOV.												
27...	4.1	.0	1.0	140	0	14	26	420	15	86	1.4	36
MAR., 1975												
13...	3.3	--	66	120	0	9.8	22	450	18	89	2.6	64
MAY												
12...	2.3	--	75	100	0	8.7	19	430	19	90	2.0	64
JUNE												
24...	2.8	123	80	120	0	11	21	450	18	89	1.8	82
SEP.												
11...	3.7	--	53	150	0	21	24	420	15	86	1.7	38
12-17	1.9	--	35	190	0	25	30	420	13	83	1.4	32
NOV.												
13...	~~--~~	~~--~~	~~1.0~~	270	0	~~28~~	~~48~~	~~840~~	~~22~~	~~87~~	~~2.0~~	~~53~~
	[illegible]	[illegible]	7.0	[illegible]		5.1	[illegible]	[illegible]	[illegible]	[illegible]	1.8	[illegible]

PROCESS DATE 02/02/76
395617109134402 - (D-10-24)20AAD- 2 P-2L DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)
OCT., 1974												
19...	470	1.0	8.8	2	--	--	--	620	--	--	--	0
NOV.												
27...	450	1.0	6.5	2	<100	<10	<25	670	0	<10	3	2
MAR., 1975												
13...	410	1.2	15	9	25	<10	<9	1200	0	13	0	0
MAY												
12...	400	1.3	16	5	25	0	<10	790	0	0	0	1
JUNE												
24...	310	1.3	19	4	20	<2	<13	500	0	<10	<10	10
SEP.												
11...	570	1.0	17	8	<100	10	--	740	0	10	1	0
12-17	610	1.0	16	10	<100	10	<9	590	0	10	1	0
NOV.												
13...	1500	~~.6~~	17	~~3~~	~~100~~	20	--	~~310~~	0	<10	0	0

PROCESS DATE 02/02/76

395617109134402 - (D-10-24)20AAD- 2 P-2L

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED LEAD (PB) (UG/L) (01049)	DIS- SOLVED MAN- GANESE (MN) (UG/L) (01056)	DIS- SOLVED MOLYB- DENUM (MO) (UG/L) (01060)	DIS- SOLVED NICKEL (NI) (UG/L) (01065)	DIS- SOLVED SILVER (AG) (UG/L) (01075)	DIS- SOLVED STRON- TIUM (SR) (UG/L) (01080)	DIS- SOLVED VANA- DIUM (V) (UG/L) (01085)	DIS- SOLVED ZINC (ZN) (UG/L) (01090)	DIS- SOLVED TIN (SN) (UG/L) (01100)	DIS- SOLVED ALUM- INUM (AL) (UG/L) (01106)	DIS- SOLVED GALLIUM (GA) (UG/L) (01120)
OCT., 1974												
19...	140	--	--	--	--	--	3100	--	10	--	--	--
NOV.												
27...	60	0	250	140	3	0	2100	3.2	10	<27	0	<11
MAR., 1975												
13...	60	1	40	2	2	0	2000	.0	20	<9	10	<4
MAY												
12...	60	1	20	0	1	0	2300	.4	20	<9	<10	<4
JUNE												
24...	40	<10	25	15	<10	<1	3000	<10	0	<13	40	<4
SEP.												
11...	10	0	10	1	2	0	2900	1.1	10	--	20	--
12-17	0	0	10	31	0	0	3300	5.7	10	<9	0	<4
NOV.												
13...	90	1	40	34	2	0	4600	.7	20	--	10	--

PROCESS DATE 02/02/76

395617109134402 - (D-10-24)20AAD- 2 P-2L DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
OCT., 1974												
19...	--	280	0	--	--	--	--	1440	1380	1.96	2.4	--
NOV.												
27...	<27	260	0	<17	<37	6.5	.07	1290	1280	1.75	.59	.09
MAR., 1975												
13...	<9	310	0	<9	<9	<5.4	<.40	1370	1410	1.86	.71	.04
MAY												
12...	<10	290	0	<4	<10	<4.8	.18	1270	1560	1.73	.55	.00
JUNE												
24...	<13	320	0	<4	<13	<11	<.40	1280	1400	1.74	.58	.13
SEP.												
11...	--	360	0	--	--	--	--	1410	1370	1.92	1.3	.00
12-17	<20	360	0	<4	<20	--	--	1430	1420	1.94	1.2	.00
NOV.												
13...	--	~~300~~ [illegible]	0	--	--	--	--	~~2810~~ [illegible]	~~2790~~ [illegible]	~~3.82~~ 1.65	~~--~~ .76	~~--~~ .00

PROCESS DATE 02/02/76
DISTRICT CODE 49

395617109134402 - (D-10-24)20AAD- 2 P-2L

WATER QUALITY DATA

DATE	DIS- SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT., 1974							
19...	--	.0	5040	504	--	--	--
NOV.							
27...	.00	<.1	5040	504	.05	<18	5.4
MAR., 1975							
13...	.00	.1	5040	504	.10	<21	<4.3
MAY							
12...	.00	.1	5040	504	.15	44	<4.5
JUNE							
24...	.03	.0	5040	504	.23	<15	<8.7
SEP.							
11...	.00	.0	5040	504	--	--	--
12-17	.00	.0	5040	504	--	--	--
NOV.							
13...	--	.0	5040	504	--	--	--

NOTE: THIS SAMPLE IS P-2U

395453109111001 - (D-10-24)26CDD- 2 P-3

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
27...	1030	--	752110	16.1	30	2050	140	8.2	9.7	785	957	0
DEC.												
12...	1350	--	752108	15.5	30	2000	71	7.4	61	787	959	0
APR., 1975												
03...	1331	505	--	14.5	40	1950	110	9.0	1.0	535	555	48
MAY												
15...	1014	530	--	16.9	30	>2000	320	10.1	.4	2750	1710	808
JUNE												
25...	1630	--	755085	16.8	25	2050	170	8.7	2.6	655	663	67
AUG.												
16...	1445	532	--	19.5	120	2150	140	10.2	.1	755	815	52
18...	1035	--	760547	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	TOTAL NON-FILT-RABLE RESIDUE (MG/L) (00530)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
NOV., 1974												
27...	1600	--	1	.94	.00	.01	2.5	.01	.09	.38	.03	32
DEC.												
12...	1400	--	4	1.1	.01	.00	1.8	.00	.12	.14	.04	44
APR., 1975												
03...	1800	--	2	.62	.01	.01	1.4	.02	.00	.04	.00	13
MAY												
15...	1700	--	5	8.1	.00	.00	12	.00	.98	.45	.32	66
JUNE												
25...	1400	--	1	.69	.00	.00	3.3	.00	.09	.37	.03	25
AUG.												
16...	--	--	9	1.8	.00	.00	2.3	.00	.00	.34	.00	21
18...	1300	4	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL IN- ORGANIC CARBON (C) (MG/L) (00685)	DIS- SOL- VED SUL- FIDE (S) (MG/L) (00746)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)
NOV., 1974												
27...	.0	18	46	0	4.4	8.2	490	32	96	2.1	31	310
DEC.												
12...	.0	23	49	0	4.8	8.6	520	33	96	2.3	32	320
APR., 1975												
03...	--	68	33	0	3.6	5.5	450	35	97	2.0	34	400
MAY												
15...	--	48	8	0	.8	1.4	1500	234	100	5.4	330	220
JUNE												
25...	--	18	27	0	3.1	4.2	470	41	97	1.6	53	300
AUG.												
16...	386	20	22	0	2.5	3.6	590	56	98	2.5	59	440
18...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
NOV., 1974												
27...	2.0	14	52	<100	<10	<27	1400	0	<10	3	37	60
DEC.												
12...	1.8	14	4	<100	<10	<21	1300	0	<10	2	5	110
APR., 1975												
03...	3.5	13	65	<100	<10	--	2000	0	0	0	8	60
MAY												
15...	4.6	15	10	25	0	<20	26000	0	0	0	3	120
JUNE												
25...	5.1	14	60	100	<2	<13	2400	0	<10	<10	10	120
AUG.												
16...	5.3	14	45	<100	<10	--	5000	0	20	0	4	730
18...	--	--	--	60	<4	<9	1400	0	<9	<9	<2	350

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (US/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
NOV., 1974												
27...	1	0	6	42	0	1100	1.4	10	<30	0	<12	<30
DEC.												
12...	0	0	23	1	0	1100	.5	20	<23	0	<10	<23
APR., 1975												
03...	0	0	2	4	0	1000	.0	10	--	40	--	--
MAY												
15...	4	10	12	2	0	200	5.5	20	<20	40	<9	<20
JUNE												
25...	<10	<9	35	<10	<1	1300	<10	10	<13	90	<4	<13
AUG.												
16...	3	10	8	2	0	760	9.6	280	--	30	--	--
18...	<9	<9	67	<9	<1	830	<9.0	1250	<9	110	<4	<9

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)
NOV., 1974												
27...	530	2	<20	<40	<4.1	--	.16	1.7	1350	1360	1.84	1.2
DEC.												
12...	550	2	<15	<30	5.3	--	.17	1.5	1390	1400	1.89	1.4
APR., 1975												
03...	700	0	--	--	5.6	--	<.40	--	1300	1310	1.77	.80
MAY												
15...	420	0	<9	<30	<16	--	.46	--	4010	3810	5.45	10
JUNE												
25...	810	0	<4	<13	<11	--	<.40	--	1270	1270	1.73	.89
AUG.												
16...	810	0	--	--	--	--	--	--	1620	1600	2.20	2.3
18...	640	--	<4	<20	<4.5	<.5	.10	--	--	--	--	--

PROCESS DATE 02/02/76

395453109111001 - (D-10-24)26CDD- 2 P-3 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	SUS- PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	SUS- PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060)
NOV., 1974										
27...	.04	.00	<.1	5500	540	--	<22	--	<3.5	--
DEC.										
12...	.00	.03	<.1	5500	540	--	<20	--	4.4	--
APR., 1975										
03...	.04	.03	.1	5500	540	1.3	31	--	4.9	--
MAY										
15...	.00	.00	.0	5500	540	1.2	<23	--	<13	--
JUNE										
25...	.00	.00	.0	5500	540	1.1	<15	--	<9.1	--
AUG.										
16...	.00	.00	.0	5500	540	--	--	--	--	--
18...	--	--	--	5500	540	1.6	<15	<.4	<3.6	<.5

PROCESS DATE 02/02/76
395603109120801 - (D-10-24)22CAD- 1 G-5 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
NOV., 1974 25...	1331	--	--	17.3	--	--	4700	370	8.0	23	1160	1410
DEC. 13...	1249	--	752095	16.5	--	E200	4200	210	8.2	9.1	742	905
MAR., 1975 17...	1100	--	752882	16.5	.0	20	4200	330	8.8	3.7	1210	1272
MAY 15...	1310	483	--	17.2	--	15	3620	210	10.2	.2	1290	1220
JUNE 26...	1020	--	755087	17.0	--	35	5000	180	8.2	11	894	1090
NOV. 24...	1455	--	--	16.5	5.0	100	2400	240	9.0	1.9	957	915

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- I G-5 DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
NOV., 1974												
25...	0	3300	0	2.9	.00	.00	2.8	.00	.46	.11	.15	20
DEC.												
13...	0	2900	3	2.8	.02	.01	3.0	.03	.03	.07	.01	16
MAR., 1975												
17...	98	2800	7	2.3	.01	.00	2.2	.00	.98	.90	.32	11
MAY												
15...	171	3800	3	1.6	.00	.00	2.4	.00	.03	.12	.01	12
JUNE												
26...	0	2700	8	1.4	.01	.03	2.0	.04	.18	.15	.06	8.5
NOV.												
24...	124	--	1	1.0	.00	.02	2.9	.02	.15	.05	.05	18

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- 1 G-5 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
NOV., 1974												
25...	62	220	140	0	14	23	1100	42	94	8.1	580	710
DEC.												
13...	.0	93	160	0	17	28	1100	38	94	3.2	390	1200
MAR., 1975												
17...	--	240	92	0	7.6	17	950	44	96	4.3	540	400
MAY												
15...	--	130	35	0	3.4	5.9	870	66	98	3.0	370	91
JUNE												
26...	--	160	46	0	3.7	8.4	860	57	98	2.7	400	410
NOV.												
24...	145	29	200	0	75	3.5	660	20	88	1.9	240	350

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- 1 G-5

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
NOV., 1974												
25...	1.4	27	10	300	<10	<16	6900	1	0	2	12	110
DEC.												
13...	2.3	26	1	300	<10	<46	8000	0	<10	2	1	80
MAR., 1975												
17...	2.3	23	6	200	<10	<17	8200	0	25	0	0	60
MAY												
15...	2.8	21	26	500	0	<10	7500	0	10	0	2	120
JUNE												
26...	2.2	22	150	280	<3	<11	6500	0	<11	<11	2	60
NOV.												
24...	1.2	15	210	0	0	--	2200	0	<10	1	0	100

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- 1 G-5 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
NOV., 1974												
25...	2	20	3	7	<1	4800	<11	30	<16	20	<5	<16
DEC.												
13...	2	20	2	18	0	4800	20	20	<50	0	<20	<50
MAR., 1975												
17...	1	50	0	3	1	2900	5.0	10	<17	20	<8	<17
MAY												
15...	1	60	0	1	0	1600	3.3	20	<10	10	<5	<10
JUNE												
26...	<11	60	1	<11	<2	2000	<11	20	<17	30	<6	<17
NOV.												
24...	3	20	1	5	0	1100	28	0	--	20	--	--

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- 1 G-5 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED LITHIUM (LI) (UG/L) (01130)	DIS- SOLVED SELE- NIUM (SE) (UG/L) (01145)	DIS- SOLVED TI- TANIUM (TI) (UG/L) (01150)	DIS- SOLVED ZIR- CONIUM (ZR) (UG/L) (01160)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	TOTAL ORTHO PHOS- PHORUS (P) (MG/L) (70507)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)
NOV., 1974 25...	940	0	<16	<24	<10	.10	3090	3400	4.20	--	3.7	.00
DEC. 13...	960	0	<32	<70	<8.4	.11	3150	3320	4.28	--	3.6	.04
MAR., 1975 17...	890	0	<17	<17	<16	<.40	--	2930	3.98	.32	3.0	.00
MAY 15...	640	0	<6	<17	14	.61	2280	2280	3.10	--	2.1	.00
JUNE 26...	780	0	<6	<24	<13	<.40	2360	2420	3.21	--	1.8	.13
NOV. 24...	610	0	--	--	--	--	1770	1960	2.41	--	1.3	.09

PROCESS DATE 02/02/76

395603109120801 - (D-10-24)22CAD- 1 0-5

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974							
25...	.00	.0	5300	620	1.1	<36	<8.0
DEC.							
13...	.07	<.1	5300	620	.13	<24	<7.0
MAR., 1975							
17...	.03	.0	5300	620	.21	56	<12
MAY							
15...	.00	.0	5300	620	.72	<41	11
JUNE							
26...	.03	.0	5300	620	.93	<34	<10
NOV.							
24...	.00	.1	5300	620	--	--	--

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	INSTAN-TANEOUS FLOW RATE (GPM) (00059)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)
DEC., 1974												
30...	1530	752265	--	--	--	40	2000	35	10.7	.0	887	740
APR., 1975												
04...	1401	--	14.8	--	--	25	2090	22	9.2	1.3	1050	717
MAY												
14...	1115	753393	19.0	21.5	7.2	35	2200	51	9.4	.8	1050	833

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21

DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC., 1974												
30...	168	180	5	.92	.01	.24	1.4	.25	.25	.09	.08	11
APR., 1975												
04...	279	1600	3	.84	.00	.01	1.3	.01	.21	.11	.07	6.9
MAY												
14...	221	1600	2	.74	.00	.00	1.2	.00	.31	.13	.10	2.3

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
DEC., 1974												
30...	.1	15	0	4.0	1.1	480	55	98	2.4	35	150	1.5
APR., 1975												
04...	.2	95	0	1.7	22	520	23	92	4.1	32	120	2.0
MAY												
14...	9.0	8	0	1.3	1.0	570	91	99	1.4	31	150	2.1

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED SILICA (SIO2) (MG/L) (00955)	DIS- SOLVED ARSENIC (AS) (UG/L) (01000)	DIS- SOLVED BARIUM (BA) (UG/L) (01005)	DIS- SOLVED BERYL- LIUM (BE) (UG/L) (01010)	DIS- SOLVED BISMUTH (BI) (UG/L) (01015)	DIS- SOLVED BORON (B) (UG/L) (01020)	DIS- SOLVED CAD- MIUM (CD) (UG/L) (01025)	DIS- SOLVED CHRO- MIUM (CR) (UG/L) (01030)	DIS- SOLVED COBALT (CO) (UG/L) (01035)	DIS- SOLVED COPPER (CU) (UG/L) (01040)	DIS- SOLVED IRON (FE) (UG/L) (01046)	DIS- SOLVED LEAD (PB) (UG/L) (01049)
DEC., 1974												
30...	6.2	2	<100	<10	<25	910	1	0	0	28	100	1
APR., 1975												
04...	6.3	3	<100	<10	--	1100	0	0	1	44	60	2
MAY												
14...	8.5	4	12	0	<7	880	0	0	0	3	410	2

395530109134901 - (D-10-24)29AAC- 2 G-21

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
DEC., 1974												
30...	10	30	12	0	60	4.5	20	<25	20	<12	<26	360
APR., 1975												
04...	0	6	2	0	90	.0	6	--	30	--	--	440
MAY												
14...	10	0	1	0	150	.0	60	<7	50	<3	<7	450

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED SELE- NIUM (SE) (UG/L) (01145)	DIS- SOLVED TI- TANIUM (TI) (UG/L) (01150)	DIS- SOLVED ZIR- CONIUM (ZR) (UG/L) (01160)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)
DEC., 1974												
30...	0	<18	<45	6.3	<.40	1250	1220	1.70	1.2	1.1	.03	.2
APR., 1975												
04...	0	--	--	<6.4	<.40	1380	1340	1.88	1.1	.04	.00	.0
MAY												
14...	0	<4	<10	<6.9	<.01	1430	1410	1.94	.95	.00	.00	.0

PROCESS DATE 02/02/76

395530109134901 - (D-10-24)29AAC- 2 G-21 DISTRICT CODE 49

WATER QUALITY DATA

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
DEC., 1974					
30...	5272	612	.41	<26	5.4
APR., 1975					
04...	5272	612	.15	<17	<5.1
MAY					
14...	5272	612	.26	<21	<5.5

PROCESS DATE 02/02/76

395500109124401 - (D-10-24)28DDB- 1 0-15

DISTRICT CODE 49

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER- ATURE (DEG C) (00010)	AIR TEMPER- ATURE (DEG C) (00020)	INSTAN- TANEOUS FLOW RATE (GPM) (00059)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	CHEM- ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA- LINITY AS CACO3 (MG/L) (00410)	BICAR- BONATE (HCO3) (MG/L) (00440)
DEC., 1974												
11...	1310	752104	16.5	--	--	10	1270	43	8.4	3.2	417	508
MAY , 1975												
14...	1510	753394	18.5	27.0	5.8	40	2500	170	8.8	3.2	1050	860
JUNE												
25...	1330	755084	17.6	--	--	--	2900	150	8.3	9.7	989	859
DEC...												
10...	1409	--	14.5	--	--	--	2,000	--	8.4	Sample collected & delivered to USGS. No analysis provided.		

PROCESS DATE 02/02/76

395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	CAR- BONATE (CO3) (MG/L) (00445)	TOTAL FILT- RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS- SOLVED AMMONIA NITRO- GEN (N) (MG/L) (00608)	DIS- SOLVED NITRITE (N) (MG/L) (00613)	DIS- SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL- DAHL NITRO- GEN (N) (MG/L) (00625)	DIS- SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS- SOLVED ORTHO PHOS- PHATE (PO4) (MG/L) (00660)	TOTAL PHOS- PHORUS (P) (MG/L) (00665)	DIS- SOLVED ORTHO. PHOS- PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
DEC., 1974												
11...	0	1200	2	1.2	.00	.00	1.5	.00	.21	.09	.07	7.6
MAY , 1975												
14...	207	1700	2	.95	--	--	1.6	--	--	.05	--	9.0
JUNE												
25...	171	2000	0	.96	.02	.01	1.8	.03	.25	.11	.08	7.2

PROCESS DATE 02/02/76

395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
DEC., 1974												
11...	.0	3.3	61	0	11	7.8	300	17	91	3.4	45	230
MAY , 1975												
14...	--	100	23	0	4.8	2.6	610	56	98	2.1	--	--
JUNE												
25...	--	340	16	0	1.9	2.6	630	70	99	1.9	140	250

PROCESS DATE 02/02/76

395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
DEC., 1974 11...	1.0	18	65	100	<10	<17	1200	0	<10	2	1	80
MAY , 1975 14...	--	--	75	90	0	<10	2000	0	0	1	1	210
JUNE 25...	2.1	16	95	100	0	<12	2300	0	0	0	1	80

PROCESS DATE 02/02/76
395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
DEC., 1974												
11...	1	10	10	26	0	1500	.8	50	<20	0	<8	<20
MAY , 1975												
14...	1	10	2	8	0	530	.0	6	<8	30	<4	<10
JUNE												
25...	0	10	1	5	0	520	3.0	0	<12	50	<4	<12

PROCESS DATE 02/02/76

395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)
DEC., 1974												
11...	250	1	<12	<25	6.5	.16	5.6	878	875	1.19	1.5	.00
MAY , 1975												
14...	470	0	<4	<10	<6.9	.10	2.8	1630	--	2.22	1.2	--
JUNE												
25...	470	0	15	<12	14	<.40	--	1650	1980	2.24	1.2	.04

PROCESS DATE 02/02/76
395500109124401 - (D-10-24)28DDB- 1 G-15 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
DEC., 1974							
11...	.00	<.1	5338	627	--	<16	5.2
MAY , 1975							
14...	--	.0	5338	627	--	<22	<5.5
JUNE							
25...	.07	.0	5338	627	1.3	<21	11
DEC.							
10...	Sample collected & delivered to USGS. No analysis provided						

395229109091201 - (D-11-25) 7DAC- 2 0-20

WATER QUALITY DATA

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
26...	.0	5362	70	6.4	<40	<9.0
DEC.						
10...	<.1	5362	70	--	<61	17
MAR., 1975						
12...	.0	5362	70	6.9	<71	18
NOV.						
10...	.0	5362	70	--	--	--

WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
26...	0	<25	<34	<10	.22	--	4510	4060	6.13	.55	.04	.00
DEC.												
10...	0	<50	<100	19	.24	6.1	4470	4310	6.08	.63	.00	.03
MAR., 1975												
12...	0	<25	<25	22	<.40	--	3470	3580	4.72	2.3	.00	.10
NOV.												
10...	0	--	--	--	--	--	4500	4130	6.12	.26	--	.00

PROCESS DATE 02/02/76
395229109091201 - (D-11-25) 7DAC- 2 G-20 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
26...	50	35	2	<1	3100	2.3	10	<22	10	<8	<22	100
DEC.												
10...	80	30	1	0	3200	.0	30	<75	10	<30	<75	130
MAR., 1975												
12...	10	0	2	1	2900	3.1	20	<25	<10	<12	<25	720
NOV.												
10...	100	29	1	0	3500	1.0	100	--	0	--	--	100

PROCESS DATE 02/02/76
395229109091201 - (D-11-25) 7DAC- 2 G-20 DISTRICT CODE 49

WATER QUALITY DATA

DIS- DIS- DIS-

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974												
26...	12	3	<100	<10	<22	4200	0	0	0	3	580	0
DEC.												
10...	12	1	<100	<10	<70	4100	0	<10	2	1	550	0
MAR., 1975												
12...	19	40	<100	<10	<25	7000	0	13	0	0	40	2
NOV.												
10...	11	2	0	10	--	1400	0	<10	0	0	820	0

WATER QUALITY DATA

ELEV. OF LAND DIS-SOLVED DIS-SOLVED

PROCESS DATE 02/02/76
395229109091201 - (D-11-25) 7DAC- 2 G-20 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOL- VED SUL- FIDE (S) (MG/L) (00746)	HARD- NESS (CA,MG) (MG/L) (00900)	NON- CAR- BONATE HARD- NESS (MG/L) (00902)	DIS- SOLVED CAL- CIUM (CA) (MG/L) (00915)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L) (00925)	DIS- SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD- SORP- TION RATIO (00931)	PERCENT SODIUM (00932)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L) (00935)	DIS- SOLVED CHLO- RIDE (CL) (MG/L) (00940)	DIS- SOLVED SULFATE (SO4) (MG/L) (00945)	DIS- SOLVED FLUO- RIDE (F) (MG/L) (00950)
NOV., 1974												
26...	.0	1100	590	160	160	960	13	66	8.9	66	2400	1.4
DEC.												
10...	.6	1100	640	160	170	1000	13	66	6.5	69	2600	1.8
MAR., 1975												
12...	180	810	370	76	150	870	13	70	4.0	390	1600	6.6
NOV.												
10...	.3	1100	610	130	180	950	13	66	8.5	63	2500	1.6

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
26...	4700	1	.43	.00	.01	.88	.01	.09	.09	.03	9.8	18
DEC.												
10...	5000	2	.49	.01	.00	.80	.01	.09	.04	.03	27	.0
MAR., 1975												
12...	5200	7	1.8	.03	.00	2.2	.01	.67	.25	.22	17	--
NOV.												
10...	--	0	.20	.00	--	1.4	.01	.03	.05	.01	26	116

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WATER QUALITY DATA

ELEV. OF LAND

DIS-SOLVED

DIS-SOLVED

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WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
26...	1154	--	6.5	--	5	6100	39	7.8	15	472	576	0
DEC.												
10...	1255	752103	11.5	--	10	5100	62	--	--	468	570	0
MAR., 1975												
12...	1115	752877	10.5	.0	30	5500	260	7.8	14	443	540	0
NOV.												
10...	1130	--	10.5	10.0	13	5000	42	7.8	14	458	558	0

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WATER QUALITY DATA

TOTAL DIS-SOLVED TOTAL KJEL- DIS-SOLVED DIS-SOLVED DIS-SOLVED TOTAL

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WATER QUALITY DATA

DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974							
21...	.10	.1	5362	29	19	<67	24
DEC.							
10...	.03	<.1	5362	29	--	<45	<10
FEB., 1975							
27...	.07	.0	5362	29	.06	<33	<13
MAR.							
12...	.07	.1	5362	29	20	<69	20
NOV.							
11...	--	.0	5362	29	--	--	--
11...	--	--	5362	29	--	--	--
DEC.							
19...	.00	.1	5362	29	--	--	--

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WATER QUALITY DATA

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
NOV., 1974												
21...	150	2	<25	<35	27	.24	--	4590	4300	6.24	.05	.66
DEC.												
10...	180	1	<50	<100	<12	.16	11	4570	4200	6.22	.08	.31
FEB., 1975												
27...	130	2	<30	<60	<16	<.40	--	3960	3680	5.39	.26	.58
MAR.												
12...	180	2	<25	<25	25	<.40	--	4640	4190	6.31	.05	.40
NOV.												
11...	140	1	--	--	--	--	--	4420	4140	6.01	--	--
11...	130	--	<20	<50	--	--	--	--	--	--	--	--
DEC.												
19...	100	5	--	--	--	--	--	4200	3950	5.71	.05	1.8

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WATER QUALITY DATA

ELEV. DIS- DIS-

WATER QUALITY DATA

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
NOV., 1974												
21...	1	30	81	2	<1	3100	3.2	30	<23	0	<8	<23
DEC.												
10...	1	40	80	2	0	3200	.0	80	<75	0	<30	<75
FEB., 1975												
27...	0	70	63	2	0	1600	.2	7	<35	<10	<15	<45
MAR.												
12...	1	60	70	5	0	3000	.5	80	<25	<10	<12	<25
NOV.												
11...	2	60	75	4	0	3400	2.1	50	--	0	--	--
11...	<25	80	130	<25	<3	2900	<25	60	<25	40	<10	<40
DEC.												
19...	2	40	33	3	0	3600	1.2	100	--	20	--	--

WATER QUALITY DATA

DIS- DIS- DIS- DIS- SOLVED DIS- DIS- DIS- SOLVED DIS- SOLVED DIS- SOLVED DIS-

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WATER QUALITY DATA

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
NOV., 1974												
21...	1.0	14	16	<100	<10	<23	4600	1	0	0	2	60
DEC.												
10...	2.4	13	10	<100	<10	<70	4700	0	<10	3	4	120
FEB., 1975												
27...	.4	6.3	0	<100	10	<35	1200	0	0	0	30	50
MAR.												
12...	1.9	13	8	<100	<10	<25	4700	1	25	0	7	60
NOV.												
11...	2.1	12	11	0	20	--	1800	1	<10	0	4	320
11...	--	--	--	20	<6	<25	2700	0	<25	<25	6	300
DEC.												
19...	1.4	10	0	300	10	--	1800	1	0	0	60	20

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
NOV., 1974												
21...	.0	.0	1100	650	150	180	1000	13	66	4.1	64	2600
DEC.												
10...	.0	.2	1100	630	140	180	1000	13	67	5.1	66	2500
FEB., 1975												
27...	--	.1	680	580	92	110	930	16	74	16	60	2400
MAR.												
12...	--	.1	1100	680	150	180	1000	13	66	8.9	65	2500
NOV.												
11...	130	.2	1100	610	130	180	970	13	66	6.9	59	2500
11...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
19...	44	.1	1200	700	180	170	830	11	61	8.0	66	2400

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	CAR-BONATE (CO3) (MG/L) (00445)	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO, PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
NOV., 1974												
21...	0	4700	2	.04	.03	.15	.75	.18	.00	.02	.00	21
DEC.												
10...	0	5000	1	.06	.01	.07	.80	.08	.12	.01	.04	20
FEB., 1975												
27...	31	4100	12	.20	.02	.13	1.5	.15	.03	.06	.01	58
MAR.												
12...	0	5100	4	.04	.02	.09	.57	.11	.09	.02	.03	6.9
NOV.												
11...	0	--	--	.04	.01	--	.63	.01	.01	.02	--	17
11...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
19...	0	--	0	.04	.00	.40	2.3	.40	.06	.11	.02	20

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WATER QUALITY DATA

ELEV. OF LAND DIS-SOLVED DIS-SOLVED

WATER QUALITY DATA

DATE	TIME	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)
NOV., 1974												
21...	1400	--	--	11.4	--	10	5500	44	7.8	14	465	567
DEC.												
10...	1230	--	752098	11.0	--	20	5500	52	--	--	467	569
FEB., 1975												
27...	1400	--	752673	8.0	--	8	4800	61	10.3	.0	103	63
MAR.												
12...	0945	--	752876	9.5	-5.0	20	5700	49	8.0	8.5	435	530
NOV.												
11...	1000	--	--	9.0	.0	26	5000	45 --	7.6	23	463	564
11...	1005	--	--	9.0	.0	--	5000	--	7.6	--	--	--
DEC.												
19...	1300	10	--	7.0	0.0	10	3500	43	5.5	2820	458	558

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WATER QUALITY DATA

CAR-	TOTAL FILT-RABLE	OIL	DIS-SOLVED AMMONIA NITRO-	DIS-SOLVED	DIS-SOLVED	TOTAL KJEL-DAHL NITRO-	DIS-SOLVED NITRITE PLUS	DIS-SOLVED ORTHO PHOS-	TOTAL PHOS-	DIS-SOLVED ORTHO. PHOS-	TOTAL ORGANIC

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WATER QUALITY DATA

DATE	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS-SOLVED URANIUM (U) (UG/L) (80020)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV., 1974						
26...	<.1	5560	77	--	<29	<6.2
DEC.						
10...	<.1	5560	77	.80	54	<6.4
MAR., 1975						
11...	.0	5560	77	.28	<52	<13
NOV.						
11...	.0	5560	77	--	--	--
11...	--	5560	77	--	--	--

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WATER QUALITY DATA

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS-SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
NOV., 1974												
26...	0	<13	<30	<7.1	.21	.8	3260	3410	4.43	2.4	2.0	.07
DEC.												
10...	0	<11	<25	<7.1	.59	--	3270	3550	4.45	2.6	.00	.00
MAR., 1975												
11...	1	<20	<20	<16	<.40	--	4610	4430	6.27	.40	.00	.00
NOV.												
11...	0	--	--	--	--	--	3490	3680	4.75	--	--	--
11...	--	<20	<50	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
NOV., 1974												
26...	30	0	8	0	2800	3.3	30	<20	0	<20	<20	620
DEC.												
10...	10	0	1	0	2700	.0	50	<16	0	<7	<16	620
MAR., 1975												
11...	80	26	2	0	2900	.0	10	<20	20	<10	<20	130
NOV.												
11...	30	0	3	0	2900	17	30	--	10	--	--	610
11...	<20	<15	<20	<2	2500	<20	20	<20	60	<10	<30	640

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
NOV., 1974												
26...	19	28	<100	10	<20	7000	0	<10	2	33	80	1
DEC.												
10...	20	4	<100	<10	<16	7000	0	<10	2	1	50	0
MAR., 1975												
11...	12	2	<100	<10	<20	3900	0	25	0	3	630	2
NOV.												
11...	19	26	0	10	--	7900	1	10	0	0	60	1
11...	--	--	20	<5	<20	4500	0	<20	<20	<5	<20	<20

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WATER QUALITY DATA

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WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
NOV., 1974												
26...	150	770	0	76	140	820	13	70	2.4	190	1500	6.7
DEC.												
10...	270	810	0	75	150	820	13	69	2.6	300	1400	3.7
MAR., 1975												
11...	.9	1200	710	160	190	990	13	64	11	69	2700	1.9
NOV.												
11...	180	780	330	64	150	890	14	71	3.1	190	1900	6.2
11...	--	--	--	--	--	--	--	--	--	--	--	--

PROCESS DATE 02/02/76

395035109074001 - (D-11-25)21CCA- 1 G-16 DISTRICT CODE 49

WATER QUALITY DATA

395035109074001 - (D-11-25)21CCA- 1 0-16

PROCESS DATE 02/0[illegible]6
DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
NOV., 1974												
26...	3400	2	1.9	.02	.46	2.7	.48	.09	.06	.03	21	.0
DEC.												
10...	3700	3	2.0	.00	.00	2.5	.00	.09	.04	.03	26	.0
MAR., 1975												
11...	4000	4	.31	.00	.00	.85	.00	.25	.07	.08	16	--
NOV.												
11...	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--

395035109074001 - (D-11-25)21CCA- 1 0-16

PROCESS DATE 02/02/76
DISTRICT CODE 49

WATER QUALITY DATA

ELEV. OF LAND

DIS- SOLVED

DIS- SOLVED

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPER-ATURE (DEG C) (00010)	AIR TEMPER-ATURE (DEG C) (00020)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKA-LINITY AS CACO3 (MG/L) (00410)	BICAR-BONATE (HCO3) (MG/L) (00440)	CAR-BONATE (CO3) (MG/L) (00445)
NOV., 1974												
26...	1400	752099	12.1	--	8	4500	210	8.4	6.3	817	876	59
DEC.												
10...	1030	752102	10.5	--	E50	4300	250	--	--	820	1000	0
MAR., 1975												
11...	1000	752875	10.0	6.0	20	5520	44	7.8	15	472	575	0
NOV.												
11...	1515	--	10.5	2.0	620	4500	--	7.4	35	447	545	0
11...	1520	--	10.5	2.0	--	4500	--	7.4	--	--	--	--

WATER QUALITY DATA

TOTAL
DIS-SOLVED
TOTAL KJEL-
DIS-SOLVED
DIS-SOLVED
DIS-SOLVED
TOTAL

395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49 PROCESS DATE 02/0

WATER QUALITY DATA

DATE	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	TOTAL DEPTH OF WELL (FT) (72008)	DIS- SOLVED URANIUM (U) (UG/L) (80020)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
DEC., 1974						
17...	<.1	5194	220	<.01	<15	<3.8
MAR., 1975						
18...	.0	5194	220	.45	69	24
NOV.						
12...	0.0	5194	220	--	--	--

PRINT REPEATED BY OPERATOR

Tim says missing data not in files for 2/3/76 print-out.
Will go to original sheets & send data. Will also provide
P-2 U & L Nov. 75 samples. EKP 2/9/76

PROCESS DATE 02/[illegible]76
395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS- SOLVED SELE- NIUM (SE) (UG/L) (01145)	DIS- SOLVED TI- TANIUM (TI) (UG/L) (01150)	DIS- SOLVED ZIR- CONIUM (ZR) (UG/L) (01160)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	DIS- SOLVED NATURAL URANIUM (U) (UG/L) (22703)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L) (70300)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L) (70301)	DIS- SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)
DEC., 1974												
17...	5	<20	<40	<4.5	.02	<.4	1330	1440	1.81	26	.22	.07
MAR., 1975												
18...	0	--	--	29	<.40	--	4530	4330	6.16	.58	.04	.00
NOV.												
12...	0	--	--	--	--	--	1380	1390	1.89	4.8	.00	.03

PROCESS DATE 02/02/76
395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

ELEV. OF LAND

DIS- SOLVED

DIS- SOLVED

PROCESS DATE 02/[illegible]/76

395751109094501 - (D-10-24)12BDB- 1 G-17

DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
DEC., 1974 17...	0	100	2	0	60	22	20	<30	4900	<12	<30	210
MAR., 1975 18...	60	21	3	0	4800	.0	40	--	<10	--	--	310
NOV. 12...	5	26	7	0	160	1.5	20	--	<10	--	--	320

PROCESS DATE 02/02/76

395751109094501 - (D-10-24)12BDB- 1 G-17

DISTRICT CODE 49

WATER QUALITY DATA

WATER QUALITY DATA

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
DEC., 1974												
17...	2.3	9	20	<10	<28	790	1	<10	3	3900	260	400
MAR., 1975												
18...	15	8	<100	<10	--	2400	0	25	0	2	2300	0
NOV. 12...	6.9	4	<100	<10	~~680~~	680	0	<10	0	50	80	31

WATER QUALITY DATA

ELEV. OF LAND DIS-SOLVED DIS-SOLVED

PROCESS DATE 02 /76
395751109094501 - (D-10-24)12 DB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
DEC., 1974												
17...	.8	12	0	4.1	.4	500	63	98	6.8	39	460	3.2
MAR., 1975												
18...	.8	1300	600	190	200	910	11	60	10	69	2500	1.5
NOV.												
12...	0.0	5	0	1.6	0.2	520	--	99	1.8	29	390	1.5

PROCESS DATE 02/02/76
395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

DIS- DIS- DIS-

PROCESS DATE 02/0
395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

DATE	TOTAL FILT-RABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)
DEC., 1974												
17...	1700	6	20	.02	.05	39	.07	.09	.77	.03	360	.0
MAR., 1975												
18...	5200	5	.45	.00	.01	.78	.01	.12	.01	.04	11	--
NOV.												
12...	--	1	3.7	.01	.00	4.9	.01	.18	.04	.06	60	156

PROCESS' DATE 02/02/76
395751109094501 - (D-10-24)12BDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

ELEV. OF LAND DIS- SOLVED DIS- SOLVED

WATER QUALITY DATA

DATE	TIME	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
DEC., 1974												
17...	1700	752094	--	--	40	2260	830	--	--	649	180	301
MAR., 1975												
18...	1400	752884	13.5	8.0	8	5230	29	9.3	.7	700	614	118
NOV.												
12...	1610	--	12.5	5.0	16	2070	100	9.3	--	734	722	85

PROCESS DATE 02/02/76

395751109094501 - (D-10-24)12RDB- 1 G-17 DISTRICT CODE 49

WATER QUALITY DATA

TOTAL FILTRABLE	OIL	DISSOLVED AMMONIA NITRO-	DISSOLVED	DISSOLVED	TOTAL KJELDAHL NITRO-	DISSOLVED NITRITE PLUS	DISSOLVED ORTHO PHOS-	TOTAL PHOS-	DISSOLVED ORTHO. PHOS-	TOTAL ORGANIC	TOTAL INORGANIC

B. GROUND WATER

2. GROUND WATER LEVELS

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

P-1

Inspection of Digital Recorder

STATION WELL

STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	1	27	76
TO	2	4	76

TAPE NO. BEGIN 319

TAPE NO. END 311

DATE

BATTERY VOLTAGE

CYCLING TIME SEC

REMARKS

Cont. Remarks on Back

REMOVED BY DWB

DATE 2-4-76

GH		Time	
OG		WT	0855
IG		CT	.53
Tape	9170		
Dial	9170	TT	0845

Meas'd? Yes X No

Tape Indicator

Max Min

STARTED BY DWB

DATE 1-27-76

GH		Time	
OG	RESET	WT	1339
IG		CT	39
Tape	177.9		
Dial	177.9	TT	1330

Meas'd? Yes X No

Tape Indicator 277.9

Max Min

INSTRUCTIONS

DATE 02-6-76

P-1 Groundwater
(STATION NUMBER)

(MO)	(DAY)	(TIME)
01	27	1330
02	04	0845
02	04	0900

```
GROUNDWATER--P-1 GROUNDWATER

  DA   MO   YR     0600      1200      1800      2400       MAX        MIN       DAY

  27    1   76     0.00      0.00     17.80     17.92     17.83      17.77     17.81
  28    1   76    17.83     17.83     17.82     17.93     17.83      17.81     17.83
  29    1   76    17.83     17.83     17.82     17.83     17.83      17.82     17.83
  30    1   76    17.83     17.83     25.85     46.60     94.56       0.28     27.03
  31    1   76    54.34     44.08     55.69     41.63     99.31       0.03     48.93
   1    2   76    59.14     45.25     49.82     45.55     99.81       0.54     49.94
   2    2   76    51.50     53.90     53.45     40.21     99.45       0.92     49.77
   3    2   76    56.43     43.95     57.88     45.72     99.75       1.73     51.00
   4    2   76    50.94     50.30      0.00      0.00     99.60       0.03     53.25
```

INSP'D BY

Date

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY

Date

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front): 1/27 TESTED RECORDER - MOVED PROBE UP 1' AND 5' NOTHING HAPPENED - RESET DIAL TO READ 177.9 = STATIC MEAS. OF 277.9 — CLUTH ON SIDE OF RECORDER WAS LOOSE I FIX IT BUT STILL NO CHANGE IN RECORDER OPERATION — DWB

RESET PROBE 20' LOWER - NO CHANGE

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION

STA. NO. P-2 Upper

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	1	28	76
TO	2	4	76

TAPE NO. BEGIN 298
TAPE NO. END 291

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

REMOVED BY DWB
DATE 2-4-76

GH		Time	
OG		WT	1130
IG		CT	31
Tape	1022		
Dial	1022	TT	1130

Meas'd? Yes ✗ No
Tape Indicator 101.09
Max Min
new well 100.00

STARTED BY JSL
DATE 1-28-76

GH		Time	
OG		WT	1237
IG		CT	--37
Tape	102.1		
Dial	102.1	TT	1230

Meas'd? Yes No
Tape Indicator 102.1
Max Min

TIONS
-6-76
Upper
ON NUMBER)
1230
(TIME)
1130
1130

INSP'D BY__________

Date __________

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ________ Min ________

INSP'D BY__________

Date __________

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ________ Min ________

REMARKS (cont'd from Front): 2/4 INSTALLED FLOAT RECORDER

☆ GPO : 1973 O - 506-165

```
GROUNDWATER--P-2 UPPER  GROUNDWATER

 DA  MO  YR    0600    1200    1800    2400     MAX     MIN     DAY

 28   1  76    0.00    0.00   10.25   10.22   10.25   10.21   10.24
 29   1  76   10.22   10.22   10.25   10.22   10.25   10.21   10.23
 30   1  76   10.22   10.22   10.24   10.23   10.25   10.21   10.23
 31   1  76   10.22   10.23   10.25   10.23   10.25   10.22   10.23
  1   2  76   10.22   10.22   10.24   10.22   10.24   10.22   10.23
  2   2  76   10.21   10.22   10.23   10.22   10.23   10.21   10.22
  3   2  76   10.20   10.20   10.21   10.21   10.22   10.20   10.21
  4   2  76   10.19   10.20    0.00    0.00   10.22   10.19   10.20
```

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION

STA. NO. P2 Lower

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	1	28	76
TO	2	4	76

TAPE NO. BEGIN 297
TAPE NO. END 290

DATE
BATTERY VOLTAGE
CYCLING TIME ____ SEC

REMARKS changed to float recorders on new wells

Cont. Remarks on Back

REMOVED BY DWB
DATE 2-4-76

GH		Time	
OG		WT	1117
IG		CT	04
Tape	1583		
Dial	1583	TT	1045
Meas'd?	Yes X	No	

Tape Indicator 157.93
Max ____ Min ____
new well 156.90.

STARTED BY JSL
DATE 1-28-76

GH		Time	
OG		WT	1211
IG		CT	- - 11
Tape	159.2		
Dial	159.2	TT	1200
Meas'd?	Yes	No	

Tape Indicator 159.2
Max ____ Min ____

UCTIONS
2-6-76

2 Lower
(STATION NUMBER)

(DAY)	(TIME)
28	1200
04	1045
04	1115

GROUNDWATER--P-2 LOWER GROUNDWATER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
28	1	76	0.00	15.93	15.94	15.92	15.96	15.92	15.93
29	1	76	15.92	15.92	15.92	15.90	15.93	15.90	15.91
30	1	76	15.90	15.90	15.90	15.90	15.91	15.89	15.90
31	1	76	15.90	15.90	15.91	15.91	15.92	15.90	15.91
1	2	76	15.90	15.90	15.89	15.88	15.91	15.88	15.89
2	2	76	15.88	15.88	15.87	15.86	15.88	15.86	15.87
3	2	76	15.86	15.86	15.84	15.83	15.86	15.82	15.85
4	2	76	15.82	15.82	0.00	0.00	15.83	15.82	15.82

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Well

Inspection of Digital Recorder

STATION 8

STA. NO. P-3

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	1	28	76
TO	2	4	76

TAPE NO. BEGIN 283

TAPE NO. END 276

DATE

BATTERY VOLTAGE

CYCLING TIME SEC

REMARKS REMOVED PRESSURE TRANSDUCER AND INSTALLED FLOAT RECORDER

Cont. Remarks on Back

REMOVED BY DWB

DATE 2-4-76

GH		Time	
OG		WT	1343
IG		CT	44
Tape	1955		
Dial	1955	TT	1330

Meas'd? Yes X No

Tape Indicator 443.30

Max Min

STARTED BY JSL

DATE 1-28-76

GH		Time	
OG		WT	1117
IG		CT	--17
Tape	1941.7		
Dial	1941 7	TT	1115

Meas'd? Yes No

Tape Indicator 494.7

Max Min

TIONS

-6-76

Groundwater
ON NUMBER)

1115
(TIME)

4 1330

4 1345

INSP'D BY__________

Date __________

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ________ Min ________

INSP'D BY__________

Date __________

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ________ Min ________

REMARKS *(cont'd from Front):* __________

☆ GPO : 1973 O - 506-165

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GROUNDWATER--P-3 GROUNDWATER

  DA   MO   YR     0600      1200      1800      2400      MAX       MIN       DAY

  28    1   76     0.00     19.48     19.48     19.48     19.48     19.47     19.48
  29    1   76    19.48     19.48     19.48     19.49     19.49     19.48     19.48
  30    1   76    19.49     19.49     19.49     19.51     19.51     19.49     19.50
  31    1   76    19.51     19.50     19.49     19.49     19.51     19.49     19.50
   1    2   76    19.49     19.49     19.49     19.49     19.49     19.49     19.49
   2    2   76    19.49     19.50     19.50     19.50     19.51     19.49     19.50
   3    2   76    19.50     19.50     19.55     19.55     19.55     19.50     19.52
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-1760 (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION ______

STA. NO. P2 Upper

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	2	4	76
TO	3	1	76

TAPE NO. BEGIN 334
TAPE NO. END 308

DATE ______
BATTERY VOLTAGE ______
CYCLING TIME ______ SEC
REMARKS 2-4-76 Installed new Fischer-Porter recorder. Serial # 111-00

Cont. Remarks on Back

REMOVED BY JSL
DATE 3-1-76

GH		Time	
OG		WT	1315
IG		CT	--15
Tape	100.14		
Dial	100.14	TT	1315

Meas'd? Yes ___ No ___
Tape Indicator 100.14
Max ______ Min ______

STARTED BY JSL
DATE 2-4-76

GH		Time	
OG		WT	1304
IG		CT	--06
Tape	100.00		
Dial	100.00	TT	1300

Meas'd? Yes ___ No ___
Tape Indicator
Max ______ Min ______
Old Well 101.09

P-2 card [illegible] 3/6/76

RUCTIONS
E 2-4-76
Upper
(STATION NUMBER)
04 (DAY) 1300 (TIME)
31 1315
01 1315

INSP'D BY A.G.
Date 2-

GH	Time
OG	WT 1235
IG	CT [illegible]
Tape 99.56	
Dial 99.56	TT 1205

Meas'd? Yes ___ No ___
Tape Indicator 99.56
Max ______ Min ______

INSP'D BY JSL
Date 2-18-76

GH	Time
OG	WT 1152
IG	CT --52
Tape 99.76	
Dial 99.76	TT 1145

Meas'd? Yes ___ No ___
Tape Indicator 99.76
Max ______ Min ______

INSP'D BY JSL
Date 2-25 6

GH	Time
OG	WT 1009
IG	CT --09
Tape 99.62	
Dial 99.62	TT 1000

Meas'd? Yes ___ No ___
Tape Indicator 99.62
Max ______ Min ______

REMARKS (cont'd from Front): ______

GROUNDWATER--P 2 UPPER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
4	2	76	0.00	0.00	0.03	0.03	0.05	0.00	0.03
5	2	76	99.97	99.90	99.77	99.66	99.99	99.62	99.82
6	2	76	99.50	99.51	99.46	99.45	99.62	99.45	99.50
7	2	76	99.44	99.43	99.44	99.45	99.45	99.43	99.44
8	2	76	99.49	99.51	99.60	99.66	99.79	99.46	99.57
9	2	76	99.78	99.86	99.95	99.88	99.96	99.70	99.87
10	2	76	99.04	99.75	99.67	99.51	99.84	99.48	99.69
11	2	76	99.51	99.47	99.57	99.56	99.59	99.45	99.53
12	2	76	99.62	99.64	99.69	99.63	99.71	99.50	99.65
13	2	76	99.59	99.57	99.64	99.65	99.69	99.54	99.61
14	2	76	99.72	99.80	99.79	99.73	99.82	99.62	99.76
15	2	76	99.72	99.86	99.85	99.79	99.89	99.66	99.73
16	2	76	99.68	99.73	99.82	99.94	99.95	99.65	99.73
17	2	76	99.87	99.79	99.71	99.79	99.93	99.70	99.79
18	2	76	99.76	99.82	99.76	99.79	99.86	99.76	99.79
19	2	76	99.83	62.47	0.03	0.00	99.99	0.00	40.59
20	2	76	45.09	99.89	99.72	99.63	99.99	0.20	86.27
21	2	76	99.56	99.49	99.46	99.41	99.60	99.41	99.48
22	2	76	99.41	99.40	99.45	99.44	99.46	99.39	99.41
23	2	76	99.49	99.52	99.64	99.67	99.70	99.42	99.58
24	2	76	99.75	99.78	99.78	99.66	99.79	[illegible]	99.74
25	2	76	99.66	99.64	99.68	99.64	99.70	[illegible]	99.65
26	2	76	99.65	99.64	99.69	99.56	99.70	[illegible]	99.65
27	2	76	99.77	99.67	99.74	99.74	99.79	99.62	99.72
28	2	76	99.70	99.82	99.91	99.94	99.97	99.70	99.86
29	2	76	74.96	0.02	0.08	0.11	99.99	0.00	18.79
1	3	76	0.07	0.13	0.13	0.00	0.14	0.05	0.10

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder

STATION P-3

STA. NO.

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	2	4	76
TO	3	1	76

TAPE NO. BEGIN 447
TAPE NO. END 477

DATE
BATTERY VOLTAGE
CYCLING TIME SEC

REMARKS INSTALLED FLOAT RECORDER #SER 67014-34 U118-00

Cont. Remarks on Back

REMOVED BY [illegible]
DATE 3-1-76

	GH.	Time
OG		WT 1030.
IG		CT --27
Tape	94.24	
Dial	94.24	TT 0045

Meas'd? Yes • No

Tape Indicator 494.24

Max Min

STARTED BY [illegible]
DATE 2-4-76

	GH	Time
OG		WT 1420
IG		CT 20
Tape	93.30	
Dial	93.30	TT 1415

Meas'd? Yes X No

Tape Indicator 493.30

Max Min

STRUCTIONS
DATE 3-4-[illegible]

2 Well (STATION NUMBER)

2 [illegible] (DAY) 1515 (TIME)

INSP'D BY ____
Date ____

GH	Time
OG	WT 1100
IG	CT 0
Tape	
Dial	TT 5600
Meas'd? Yes ✓	No ___
Tape Indicator	482-3
Max ____	Min ____

INSP'D BY JSL
Date 2-18-76

GH	Time
OG	WT 1122
IG	CT --22
Tape 82.62	
Dial 82.62	TT 0115
Meas'd? Yes ___	No ___
Tape Indicator 493.09	
Max ____	Min ____

Reset T+D = 93.09.

INSP'D BY JSL
Date 2-25-

GH	Time
OG	WT 0845
IG	CT --43
Tape 92,94	
Dial 92.94	TT 0600
Meas'd? Yes ___	No ___
Tape Indicator 492,94	
Max ____	Min ____

REMARKS (cont'd from Front): 2-13-76 · tape & dial were 264.83, Reset to 482

```
GROUNDWATER--P 3

 DA  MO  YR    0600     1200     1800     2400     MAX      MIN      DAY

  4   2  76     0.00     0.00    93.26    93.11    93.29    93.07    93.14
  5   2  76    92.99    92.79    92.63    92.45    93.11    92.34    92.72
  6   2  76    92.22    92.05    91.99    92.00    92.33    91.96    92.06
  7   2  76    92.07    92.14    92.26    92.46    92.55    92.05    92.23
  8   2  76    92.60    92.99    93.19    92.94    93.31    92.56    92.93
  9   2  76    92.75    92.64    92.52    92.44    92.83    92.44    92.59
 10   2  76    92.48    92.55    92.59    92.63    92.64    92.46    92.56
 11   2  76    92.61    69.80    82.35    82.80    92.64     4.82    81.89
 12   2  76    82.84    82.73    82.77    82.90    82.98    82.65    82.81
 13   2  76    82.51    82.42    82.51    82.65    82.92    82.41    82.58
 14   2  76    82.60    82.45    82.44    82.63    82.96    82.44    82.55
 15   2  76    93.09    93.38    93.34    93.66    93.74    93.00    93.29
 16   2  76    93.63    93.41    92.97    92.84    93.65    92.81    93.22
 17   2  76    92.73    92.58    92.44    92.31    92.80    92.26    92.52
 18   2  76    92.27    92.30    92.37    92.52    92.62    92.26    92.37
 19   2  76    92.70    92.75    92.94    93.02    93.07    92.63    92.85
 20   2  76    92.96    92.95    92.95    92.95    92.97    92.94    92.95
 21   2  76    92.96    93.04    93.10    93.19    93.27    92.95    93.07
 22   2  76    93.31    93.46    93.69    93.82    93.87    93.29    93.57
 23   2  76    93.95    94.11    94.22    94.22    94.24    93.87    94.13
```

Tape running slow
Should be 2-4-76 to 3-1-76

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Well

Inspection of Digital Recorder

STATION

STA. NO P2 Lower

PERIOD OF RECORD

(76)

	MONTH	DAY	YEAR
FROM	2	4	76
TO	3	1	76

TAPE NO. BEGIN 425

TAPE NO. END 399
26

DATE

BATTERY VOLTAGE

CYCLING TIME ______ SEC

REMARKS Installed float recorder. Serial # 113-00

Cont. Remarks on Back

STARTED BY

DATE 2-4-76

GH		Time
OG		WT 1308
IG		CT 08
Tape 156.90		
Dial 156.90		TT 1300

Meas'd? Yes X No

Tape Indicator 156.90

Max ______ Min ______

old Well 157.93

REMOVED BY

DATE 3-1-76

GH		Time
OG		WT 1308
IG		CT --16
Tape 157.14		
Dial 157.14		TT 1315

Meas'd? Yes ___ No ___

Tape Indicator 157.14

Max ______ Min ______

STRUCTIONS

DATE 3-4-76

- Lower
(STATION NUMBER)

2 04 1330
(DAY) (TIME)

3 01 1315

3 01 1315

e_ 2-13

GH	Time
	WT 1235
	CT 35
56.36	
56.36	TT 1245
d? Yes ___ No ___	
Indicator 156.36	
Min	

Date 2-18-76

GH	Time
OG	WT 1154
IG	CT - -59
Tape 56.68	
Dial 56.68	TT 1145
Meas'd? Yes ___ No ___	
Tape Indicator 156.68	
Max ___ Min ___	

Date 2-25-76

GH	Time
OG	WT 1014
IG	CT - -20
Tape 56.40	
Dial 56.40	TT 1015
Meas'd? Yes ___ No ___	
Tape Indicator 156.40	
Max ___ Min ___	

GROUNDWATER--P 2 LOWER

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
4	2	76	0.00	0.00	56.97	56.94	56.98	56.82	56.95
5	2	76	56.87	56.76	56.62	56.40	56.88	56.41	56.68
6	2	76	56.37	56.27	56.21	56.20	56.41	56.18	56.26
7	2	76	56.18	56.16	56.19	56.20	56.21	56.14	56.18
8	2	76	56.24	56.27	56.39	56.49	56:55	56.21	56.35
9	2	76	56.61	56.71	56.83	56.79	56.85	56.55	56.73
10	2	76	56.70	56.59	56.49	56.33	56.74	56.30	56.53
11	2	76	56.29	56.23	56.34	56.36	56.38	56.21	56.31
12	2	76	56.44	56.44	56.52	56.45	56.54	56.37	56.46
13	2	76	56.41	56.35	56.44	56.46	56.48	56.33	56.42
14	2	76	56.58	56.63	56.65	56.57	56.68	56.48	56.61
15	2	76	56.59	56.64	56.73	56.60	56.76	56.53	56.65
16	2	76	56.55	56.55	56.69	56.80	56.83	56.54	56.65
17	2	76	56.78	56.64	56.59	56.62	56.88	56.55	56.66
18	2	76	56.66	56.67	56.61	56.62	56.73	56.58	56.64
19	2	76	56.68	56.83	56.95	56.93	56.98	56.62	56.85
20	2	76	56.88	56.74	56.56	56.43	56.91	[illegible]	56.65
21	2	76	56.32	56.23	56.20	56.15	56.37	56.13	56.23
22	2	76	56.12	56.10	56.17	56.18	56.19	56.09	56.14
23	2	76	56.22	56.27	56.42	56.48	56.53	56.20	56.35
24	2	76	56.57	56.59	56.60	56.49	56.62	56.45	56.56
25	2	76	56.47	56.42	56.49	56.45	56.51	56.40	56.46
26	2	76	56.46	56.42	56.49	56.46	56.51	56.40	56.46
27	2	76	56.50	56.40	56.59	56.59	56.63	56.45	56.54
28	2	76	56.66	56.69	56.83	56.85	56.88	56.55	56.76
29	2	76	56.92	56.96	57.05	57.08	57.10	56.85	57.00
1	3	76	57.07	57.10	57.13	0.00	57.14	57.05	57.09

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
Well

Inspection of Digital Recorder

STATION

STA. NO. P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	2	10	76
TO	2	26	76

TAPE NO. BEGIN 466
TAPE NO. END 459

UCTIONS
3-4-76

Well
ATION NUMBER)

(DAY)	(TIME)
11	0915
26	0900
26	0900

STARTED BY JSL
DATE 2-10-76

GH	Time
OG	WT 0923
IG	CT --23
Tape 278.67	
Dial 278.67	TT 0915

Meas'd? Yes ___ No ___

Tape Indicator 278.67
Max ___ Min ___

REMOVED BY JSL
DATE 2-26-76

GH	Time
OG	WT 0902
IG	CT --05
Tape 278.33	
Dial 278.33	TT 0900

Meas'd? Yes ___ No ___

Tape Indicator 278.33
Max ___ Min ___

TIME

BATTERY VOLTAGE

CYCLING TIME ___ SEC

REMARKS

Cont. Remarks on Back

INSP'D BY J.S.L.
Date 2-25[illegible]6

GH	Time
OG	WT 0900
IG	CT [illegible]3
Tape 274.33	
Dial 278.33	TT 0100

Meas'd? Yes ___ No ___

Tape Indicator 278.33

Max ___ Min ___

INSP'D BY ___
Date ___

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___
Date ___

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front): ___

```
ROUNDWATER--P 1

DA  MO  YR    0600    1200    1800    2400    MAX     MIN     DAY

19 915  76   78.72   78.79   78.76   78.58   78.81   78.50   78.73
20 915  76   78.47   78.30   78.18   78.12   78.60   78.10   78.27
21 915  76   78.07   78.04   77.35   77.95   78.10   77.94   78.00
22 915  76   77.96   78.04   78.10   78.13   78.14   77.94   78.06
23 915  76   78.22   78.37   78.44   78.52   78.52   78.14   78.39
24 915  76   78.52   78.49   78.40   78.36   78.52   78.18   78.44
25 915  76   78.34   78.36   78.35   78.35   78.37   78.32   78.35
```

1760 (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

Well

Inspection of Digital Recorder

STATION

STA. NO. P-1

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	2	26	76
TO	3	1	76

TAPE NO. BEGIN 455

TAPE NO. END 451

DATE

BATTERY VOLTAGE

CYCLING TIME SEC

REMARKS

Cont. Remarks on Back

REMOVED BY

DATE 3-1-76

GH	Time
OG	WT 0945
IG	CT - - 45
Tape 278.93	
Dial 278.93	TT 0945

Meas'd? Yes ___ No ___

Tape Indicator 278.93

Max ___ Min ___

STARTED BY

DATE 2-26-76

GH	Time
OG	WT 09.24
IG	CT - - 24
Tape 278.33	
Dial 278.33	TT 0915

Meas'd? Yes ___ No ___

Tape Indicator 278.33

Max ___ Min ___

UCTIONS

3-1-76

Well
ATION NUMBER)

26 (DAY) 0915 (TIME)

21 0945

21 0945

D BY ____

GH	Time
	WT
	CT
	TT
Yes ____	No ____

cater

____ Min ____

INSP'D BY ____

Date ____

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT
Meas'd? Yes ____	No ____

Tape Indicator

Max ____ Min ____

INSP'D BY ____

Date ____

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT
Meas'd? Yes ____	No ____

Tape Indicator

Max ____ Min ____

REMARKS *(cont'd from Front):* ____

```
 GROUNDWATER--P 1 GROUNDWATER

DA  MO  YR    0600    1200    1800    2400    MAX      MIN     DAY

OUNDWATER--P 1

DA  MO  YR    0600    1200    1800    2400    MAX      MIN     DAY

26   2  76    0.00   78.34   78.39   78.40   78.41   78.33   78.39
27   2  76   78.41   78.42   78.49   78.53   78.54   78.39   78.46
28   2  76   78.57   78.61   78.71   78.76   78.76   78.53   78.66
29   2  76   78.79   78.83   78.91   78.94   78.94   78.76   78.87
 1   3  76   78.93   78.93    0.00    0.00   78.93   78.93   78.93
```

9-176D (Rev. 9-67)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.

WELL

Inspection of Digital Recorder

STATION P-1

STA. NO. PUMP

PERIOD OF RECORD

	MONTH	DAY	YEAR
FROM	2	4	76
TO	[illegible]	[illegible]	[illegible]

TAPE NO. BEGIN 449

TAPE NO. END [illegible]

DATE ____

BATTERY VOLTAGE ____

CYCLING TIME ____ SEC

REMARKS [illegible]

Cont. Remarks on Back

REMOVED BY JSL

DATE 2-18-76

GH	Time
OG	WT 1430
IG	CT - -30
Tape 281.[illegible]	
Dial 281.[illegible]	TT 1430

Meas'd? Yes ___ No ___

Tape Indicator 278.71

Max ____ Min ____

STARTED BY DWB

DATE 2-4-76

GH	Time
OG	WT 1030
IG	CT - -30
Tape 282.33	
Dial 2[illegible].33	TT 1030

Meas'd? Yes ___ No ___

[illegible] 78.76
Tape Indicator

Max ____ Min ____

CTIONS
3 4-76

[illegible]
TION NUMBER)

04 1030
(DAY) (TIME)

18 1430

18 1430

INSP'D BY Hale
Date 2-14-76

GH	Time
OG	WT 1235
IG	CT 48
Tape 81.00	
Dial 81.00	TT 164

Meas'd? Yes ✓ No ___
Tape Indicator 281.00
Max ___ Min ___

INSP'D BY JSL #135
Date 2-18-76

GH	Time
OG	WT 0940
IG	CT --37
Tape 81.26	
Dial 81.26	TT 1430

Meas'd? Yes ___ No ___
Tape Indicator 278.72
Max ___ Min ___
Changed Batt.

INSP'D BY ___
Date ___

GH	Time
OG	WT
IG	CT
Tape	
Dial	TT

Meas'd? Yes ___ No ___
Tape Indicator
Max ___ Min ___

REMARKS (cont'd from Front): 2-18-76 Lost float & wire
fish it out, can't.

No Recorder from 2-18-76 @ 0940

```
OUNDWATER--P 1

DA  MO  YR    0600     1200     1800     2400     MAX      MIN      DAY

 4   2  76     0.00    82.34    82.38    82.34    82.39    82.27    82.36
 5   2  76    82.24    82.13    81.98    81.81    82.27    81.74    82.04
 6   2  76    81.69    81.58    81.51    81.50    81.74    81.50    81.57
 7   2  76    81.49    81.50    81.52    81.57    81.59    81.49    81.52
 8   2  76    81.61    81.66    81.76    81.87    81.88    81.57    81.72
 9   2  76    81.95    82.09    82.21    82.24    82.26    81.93    82.13
10   2  76    82.12    82.00    81.87    81.74    82.16    81.66    81.93
11   2  76    81.62    81.58    81.59    81.69    81.70    81.54    81.62
12   2  76    81.74    81.28    81.84    81.12    94.21    81.03    81.63
13   2  76    81.05    81.00    80.97    81.07    81.08    80.94    81.02
14   2  76    81.11    81.13    81.25    81.24    81.28    81.08    81.21
15   2  76    81.16    81.21    81.24    81.30    81.32    81.15    81.23
16   2  76    81.17    81.12    81.12    81.27    81.30    81.10    81.17
17   2  76    81.36    81.31    81.15    81.09    81.39    81.04    81.23
18   2  76    81.10    81.14    79.94    79.19    81.26    79.03    80.35
19   2  76    79.42    52.35     0.00     0.00    79.42     0.00    76.48
```

B. GROUND WATER

3. ALLUVIAL WELL WATER QUALITY

Ford Chemical
LABORATORY, INC.
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

RECEIVED
FEB 20 1976
VTN COLORADO, INC.

February 18, 1976

CERTIFICATE OF ANALYSIS
76-726

VTN Engineers
2600 South Parker Road
Denver, CO 80232

Gentlemen:

The following analysis is on samples of water received on January 21, 1976:

Samples: Ground Waters, Aluvial Wells

	AG-1A Upper 1/19/76	AG-1A Lower 1/19/76	AG-2 Upper 1/19/76	AG-2 Lower 1/19/76
Alkalinity as $CaCO_3$ mg/l	226.0	342.0	230.0	172.0
Dissolved Silica as SiO2 mg/l	2.9	4.5	3.2	3.4
Dissolved Calcium as Ca mg/l	160.8	15.2	65.6	69.6
Dissolved Magnesium as Mg mg/l	78.7	14.8	22.0	17.7
Dissolved Sodium as Na mg/l	265	155	60	85
Dissolved Potassium as K mg/l	5.3	3.2	4.0	4.7
Carbonate as CO_3 mg/l	0	24.0 ~~48.0~~ As Per Ford Call 2/23/76	0	0
Bicarbonate as HCO_3 mg/l	275	368	280	209
Dissolved Sulfate as SO_4 mg/l	720	81	129	185
Dissolved Chloride as Cl mg/l	232	32	26	56
Dissolved Nitrate as NO_3-N mg/l	15.10	0.36	0.24	0.29
Dissolved Nitrite as NO_2-N mg/l	0.15	0.00	0.00	0.00
Dissolved Fluoride as F mg/l	0.5	1.6	0.2	0.6

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	AG-1A Upper	AG-1A Lower	AG2 Upper	AG-2 Lower
Dissolved Boron as B ug/l	12	40	10	14
Dissolved Iron as Fe ug/l	161	132	84	56
Dissolved Manganese as Mn ug/l	36	13	12	10
Bromide as Br mg/l	0.0	0.0	0.0	0.0
Dissolved Solids Residue at 180° C. mg/l	1,735	689	586	625
Hardness as Ca-Mg mg/l	730	100	256	248
Non-Carbonate Hardness mg/l	504.0	0	26	76
SAR Ratio	2.5	6.8	0.9	0.6
Dissolved Ammonia as NH_3-N mg/l	6.40	1.81	4.10	1.00
Total Kjeldahl Nitrogen mg/l	11.76	2.52	4.76	4.76
Total Phosphorus as P mg/l	0.03	0.05	0.06	0.04
Dissolved Ortho Phosphate as PO_4-P mg/l	0.06	0.02	0.02	0.05
Dissolved Organic Carbon mg/l	5.0	2.0	3.0	2.0
Suspended Organic Carbon mg/l	0	0	0	0
Chemical Oxygen Demand mg/l	15	10	8	12
Dissolved Sulfide as S mg/l	0.0	0.0	0.0	0.0
Cyanide as Cn mg/l	0.00	1.00	0.00	0.00
Oil and Grease mg/l	0	3	0	2
Dissolved Arsenic as As ug/l	8	19	22	12
Dissolved Chromium as Cr ug/l	3	0	0	2
Dissolved Hexavalent Chromium as Cr ug/l	0	0	0	0
Dissolved Cadmium as Cd ug/l	0	3	5	0
Dissolved Copper as Cu ug/l	21	15	27	26
Dissolved Lead as Pb ug/l	0	0	0	0
Dissolved Mercury as Hg ug/l	0	0	0	0
Dissolved Selenium as Se ug/l	4	0	2	3

	AG-1A Upper	AG-1A Lower	AG-2 Upper	AG-2 Lower
Dissolved Zinc as Zn ug/l	35	40	33	19
Dissolved Aluminum as Al ug/l	3	1	0	2
Dissolved Antimony as Sb ug/l	0	0	0	0
Dissolved Barium as Ba ug/l	135	129	150	109
Dissolved Beryllium as Be ug/l	0	0	0	0
Dissolved Bismuth as Bi ug/l	0	0	0	0
Dissolved Cobalt as Co ug/l	6	13	3	2
Dissolved Germanium as Ge ug/l	146	107	73	90
Dissolved Gallium as Ga ug/l	0	0	0	0
Dissolved Lithium as Li ug/l	0	0	2	1
Dissolved Molybdenum as Mo ug/l	8	2	4	6
Dissolved Nickel as Ni ug/l	3	10	18	16
Dissolved Silver as Ag ug/l	0	0	0	0
Dissolved Strontium as Sr ug/l	0	0	1	2
Dissolved Tin as Sn ug/l	11	0	0	14
Dissolved Titanium as Ti ug/l	4		20	25
Dissolved Vanadium as V ug/l	11	16	25	28
Dissolved Zirconium as Zr ug/l	0	0	0	0
Phenol ug/l	2	0	2	2
Total Coliform MPN/100 ml	23	15	23	93
Fecal Coliform MPN/100 ml	<3	<3	<3	<3
Fecal Streptococcus MPN/100 ml	<3	<3	<3	<3
Bio-Chemical Oxygen Demand mg/l	4.0	3.2	2.5	2.1
Dissolved Gross Beta as CS-137 pc/l	1.5	1.2	1.7	1.0
Aldrin ug/l	0.00	0.00	0.00	0.00
Lindane ug/l	0.00	0.00	0.00	0.00

	AG-1A Upper	AG-1A Lower	AG-2 Upper	AG-2 Lower
Chlordane ug/l	0.00	0.00	0.00	0.00
DDD ug/l	0.00	0.00	0.00	0.00
DDE ug/l	0.00	0.00	0.00	0.00
DDT ug/l	0.00	0.00	0.00	0.00
Dieldrin ug/l	0.00	0.00	0.00	0.00
Endrin ug/l	0.00	0.00	0.00	0.00
Toxaphene ug/l	0.00	0.00	0.00	0.00
Heptachlor ug/l	0.00	0.00	0.00	0.00
Heptachlor Epoxide ug/l	0.00	0.00	0.00	0.00
PCB ug/l	0.00	0.00	0.00	0.00
2-4-D ug/l	0.00	0.00	0.00	0.00
2-4-5-T ug/l	0.00	0.00	0.00	0.00
Silvex ug/l	0.00	0.00	0.00	0.00

Sincerely,

FORD CHEMICAL LABORATORY, INC.

Lyle S. Ford

LSF:lh

Ford Chemical
LABORATORY, INC.
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

February 18, 1976

CERTIFICATE OF ANALYSIS
76-727

VTN Engineers
2600 South Parker Road
Denver, CO 80232

Gentlemen:

The following analysis is on samples of water received on January 21, 1976:

Sample: Ground Waters, Aluvial Wells

	AG-3 Upper 1/18/76	AG-3 Lower 1/18/76	AG-4 1/18/76	AG-6 1/18/76	Rerun 3/5/76
Alkalinity as $CaCO_3$ mg/l	468.0	432.0	430.0	234.0	
Dissolved Silica as SiO_2 mg/l	2.5	4.4	1.8	3.1	
Dissolved Calcium as Ca mg/l	190.4	268.0	15.2	728.0	728.5
Dissolved Magnesium as Mg mg/l	27.36	220.8	36.48	386.4	385.0
Dissolved Sodium as Na mg/l	619.0	600.0	334.0	1,146	
Dissolved Potassium as K mg/l	3.73	4.06	2.08	7.12	
Carbonate as CO_3 mg/l	0	0	0	0	
Bicarbonate as HCO_3 mg/l	570.96	527.04	524.60	285.48	
Dissolved Sulfate as SO_4 mg/l	1,290	2,150	446.0	5,290	5,260
Dissolved Chloride as Cl mg/l	118.0	180.0	40.0	170.0	
Dissolved Nitrate as NO_3-N mg/l	0.20	0.17	2.20	1.66	
Dissolved Nitrite as NO_2-N mg/l	0.00	0.00	0.00	0.15	
Dissolved Fluoride as F mg/l	1.0	1.0	1.7	1.4	

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or, extracts from or regarding them, is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

	AG-3 Upper	AG-3 Lower	AG-4	AG-6	Rerun 3/5/76
Dissolved Boron as B ug/l	235	285	125	40	
Dissolved Iron as Fe ug/l	334	139	67	94	
Dissolved Manganese as Mn ug/l	423	430	53	3,800	
Bromide as Br mg/l	0.0	0.0	0.0	0.0	
Dissolved Solids Residue at 180oC. mg/l	2,817	3,949	1,399	8,013	✓ 8001
Hardness as Ca-Mg mg/l	990.0	1,590	190.0	3,430	
Non-Carbonate Hardness mg/l	522	1,158	0	3,196	
SAR Ratio	4.5	1.6	8.0	0.7	
Dissolved Ammonia as NH_3-N mg/l	3.23	5.44	0.26	7.00	
Total Kjeldahl Nitrogen mg/l	4.10	6.10	3.08	8.85	
Total Phosphorous as P mg/l	0.05	0.05	0.07	0.50	
Dissolved Ortho Phosphate as PO_4-P mg/l	0.05	0.05	0.05	0.45	
Dissolved Organic Carbon mg/l	11.0	15.0	10.0	8.9	
Suspended Organic Carbon mg/l	0	0	0	0	
Chemical Oxygen Demand mg/l	21.0	18.0	12.0	15.0	
Dissolved Sulfide as S mg/l	0.0	0.0	0.0	0.0	
Cyanide as Cn mg/l	0.00	0.00	0.00	0.00	
Oil and Grease mg/l	0	1.5	0	0	
Dissolved Arsenic as As ug/l	70	67	53	79	
Dissolved Chromium as Cr ug/l	6	8	2	5	
Dissolved Hexavalent Chromium as Cr ug/l	0	0	0	0	
Dissolved Cadmium as Cd ug/l	2	307	0	10	
Dissolved Copper as Cu ug/l	23	80	39	53	
Dissolved Lead as Pb ug/l	9	7	3	8	
Dissolved Mercury as Hg ug/l	0	0	0	0	

	AG-3 Upper	AG-3 Lower	AG-4	AG-6
Dissolved Selenium as Se ug/l	12	217	80	250
Dissolved Zinc as Zn ug/l	21	5,490	54	3,100
Dissolved Aluminum as Al ug/l	0	3	0	2
Dissolved Antimony as Sb ug/l	0	0	0	0
Dissolved Barium as Ba ug/l	67	138	42	176
Dissolved Beryllium as Be ug/l	0	0	0	0
Dissolved Bismuth as Bi ug/l	0	0	0	0
Dissolved Cobalt as Co ug/l	90	120	130	232
Dissolved Germanium as Ge ug/l	1,480	510	360	450
Dissolved Gallium as Ga ug/l	0	0	0	0
Dissolved Lithium as Li ug/l	4	10	2	45
Dissolved Molybdenum as Mo ug/l	28	19	525	21
Nickel as Ni ug/l	6	10	5	12
Dissolved Silver as Ag ug/l	0	0	0	0
Dissolved Strontium as Sr ug/l	0	0	0	5
Dissolved Tin as Sn ug/l	0	0	0	0
Dissolved Titanium as Ti ug/l	28	60	33	45
Dissolved Vanadium as V ug/l	14	23	0	0
Dissolved Zirconium as Zr ug/l	0	0	0	0
Phenol ug/l	0	0	0	0
Total Coliform MPN/100 ml	9.1	<3	<3	<3
Fecal Coliform MPN/100 ml	<3	<3	<3	<3
Fecal Streptococcus MPN/100 ml	<3	<3	<3	<3
Bio-Chemical Oxygen Demand mg/l	2.8	3.0	1.8	2.5

	AG-3 Upper	AG-3 Lower	AG-4	AG-6
Dissolved Gross Beta as CS-137 pc/l	1.0	1.1	1.0	1.2
Aldrin ug/l	0.0	0.0	0.0	0.0
Lindane ug/l	0.0	0.0	0.0	0.0
Chlordane ug/l	0.0	0.0	0.0	0.0
DDD ug/l	0.0	0.0	0.0	0.0
DDE ug/l	0.0	0.0	0.0	0.0
DDT ug/l	0.0	0.0	0.0	0.0
Dieldrin ug/l	0.0	0.0	0.0	0.0
Endrin ug/l	0.0	0.0	0.0	0.0
Toxaphene ug/l	0.0	0.0	0.0	0.0
Heptachlor ug/l	0.0	0.0	0.0	0.0
Heptachlor Epoxide ug/l	0.0	0.0	0.0	0.0
PCB ug/l	0.0	0.0	0.0	0.0
2-4-D ug/l	0.0	0.0	0.0	0.0
2-4-5-T ug/l	0.0	0.0	0.0	0.0
Silvex ug/l	0.0	0.0	0.0	0.0

Sincerely,

FORD CHEMICAL LABORATORY, INC.

Lyle S. Ford

LSF:lh

Ford Chemical
LABORATORY, INC.
Bacteriological and Chemical Analysis
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

RECEIVED
MAR 17 1976
VTN COLORADO, INC.

March 15, 1976

VTN Engineers
2600 South Parker Road
ATTN: Hayden Phillips
Denver, CO 80232

CERTIFICATE OF ANALYSIS

76-2024

Dear Mr. Phillips:

The following analysis is on sample of water received on January 21, 1976.

Sample: Ground water Alluvial Wells, rechecked on AG-6.

		Results
Calcium as Ca Mg/l	(500)	728.5
Magnesium as Mg Mg/l	(408)	385.0
Sulfate as SO_4 Mg/l	(4810)	5,260
Total Dissolved Solids Mg/l	(6640)	8,001

Sincerely,

FORD CHEMICAL LABORATORY, INC.

Lyle S. Ford

LSF/jms

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ing our written approval as a mutual protection to clients, the public and ourselves.